

US
GENERAL
CATALOGUE

Italy - Algeria
Australia - Austria
Benelux - Bulgaria
Canada - P.R. China - Croatia
Denmark - Egypt - France
Germany - Greece - Iceland - India
Iran - Ireland - Israel - Morocco
New Zealand - Poland - Portugal
Russia - Spain - South Africa
Sweden - Switzerland - Taiwan
Thailand - Tunisia - Turkey
United Kingdom
USA

SALES ORGANIZATION

COMPANY

nircomp
Automation



CERTIFIED
UNI EN ISO
9001: 2015
COMPANY

CERTIFIED
UNI EN ISO
14001: 2015
COMPANY

CERTIFIED
UNI EN ISO
45001: 2018
COMPANY

Aircomp has been among the first manufacturers worldwide to use thermoplastic polymers on a large scale for realizing pneumatic components.

The know-how we have gained in more than fifty years of activity has enabled the development of cutting-edge products and solutions in our sector.

A leading role that has been maintained thanks to the constant research of new ideas and innovative technologies, which comes, first of all, from the passion and care we give in our daily work.

BORN FOR STANDING OUT IN THE PNEUMATIC AUTOMATION



Fulfilling with skill customers' needs is the guiding principle of our company. The contribution of everyone results to be crucial in turning a simple reply into a brilliant solution.

Talking about solutions for the pneumatic automation sector becomes natural for Aircomp in this way. As natural as air.



Aircomp takes advantage of the best expertise in conceiving innovative solutions, whose distinctive feature stands out through the right combination of quality, design and ergonomy. Professionals joining their know-how to their interest in new competence, who continuously bring new ideas, thus enhancing the corporate assets.



 WARNING!

These products are intended for use in industrial systems only.

Do not use these products where pressures and temperatures can exceed those listed under catalogue specifications.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specification, consult STAMPOTECNICA.

 WARRANTY

STAMPOTECNICA warrants that products bearing AIRCOMP trademark are free from defects in materials and workmanship. This warranty covers a period of eighteen months from the date of manufacture, provided that said items are used according to STAMPOTECNICA's usage instructions and within a reasonable term from the date of the regular claim made by the Buyer, to the repair of, or replacement in kind of any items proved defective, at STAMPOTECNICA's sole option.

The warranty expressed above is in lieu of and substitutive of any other legal warranties for defects and conformity, and excludes any other Manufacturer's liability of any kind arising from the sold products. There are no warranties, expressed or implied, except as stated herein. There are no implied warranties of merchantability or fitness for a particular purpose, which are specifically disclaimed. In no event shall STAMPOTECNICA be liable for damages to people or equipment arising from the sold products, not for incidental or consequential damages, for production loss or failed profits.

STAMPOTECNICA neither assumes nor authorizes any other person or firm to assume for it any other obligations or liability.

The overall dimensions and technical information are provided solely for informative reasons and may be subject to change without notice.





AIR PREPARATION

.....1.1



VALVES

.....2.1



WATER PREPARATION

.....3.1



AIR PREPARATION INDEX

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LINE 075	MODULAR LINE 1/2" NPT	1.63
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AUTOMATIC DRAIN		1.101

VALVOLA BILANCIATA per una maggiore portata e migliore regolazione.

BALANCED VALVE for a greater air flow and greater sensitivity.

STAFFA DI FISSAGGIO A "T"
Permette di distanziare la batteria dalla parete, per un più agevole smontaggio delle tazze.

FIXING "T" BRACKET
Allowing to distance the battery from wall, it makes the bowl disassembling easier.

VALVOLA DI INTERCETTAZIONE
3/2 LUCCHETTABILE
Chiude l'alimentazione e depressurizza l'impianto per una maggiore sicurezza nelle operazioni di manutenzione.

LOCKABLE 3 WAY ON-OFF VALVE
It shuts off air supply, relieving pressure from the system for a greater safety during maintenance operations.

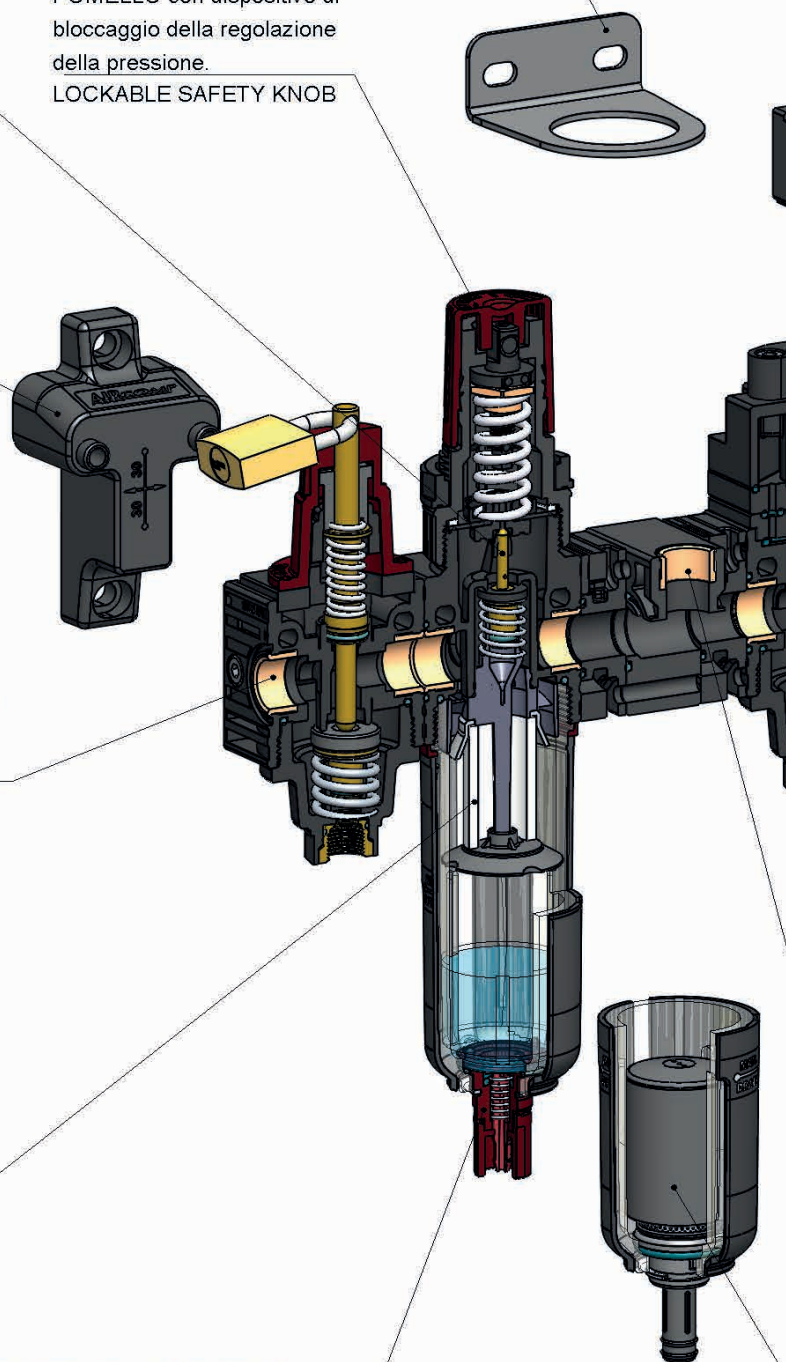
ELEMENTO FILTRANTE
Standard 20 micron, oppure 5 micron.

FILTERING ELEMENT.
20 micron standard or 5 micron.

STAFFA DI FISSAGGIO A PARETE
WALL FIXING BRACKET

POMELLO con dispositivo di bloccaggio della regolazione della pressione.
LOCKABLE SAFETY KNOB

SCARICO DELLA CONDENZA
SEMI AUTOMATICO e manuale in versione integrata con portatubo di drenaggio.
MANUAL AND SEMIAUTOMATIC CONDENSATE DRAIN in integrated version with pipeholder for conveying condensate.



VALVOLA DI SEZIONAMENTO A COMANDO ELETTRICO

Consente di intervenire a distanza con la chiusura dell'alimentazione e la contemporanea messa in scarico del circuito di valle.

ELECTRICAL CONTROL SHUT-OFF VALVE

It allows remote operation, shutting off air supply and relieving downstream circuit.

AVVIATORE PROGRESSIVO

Pressurizza gradualmente l'impianto fino al raggiungimento della pressione d'esercizio.

SLOW START VALVE

It gradually pressurizes the system until reaching set operating pressure.

CUPOLA TRASPARENTE per visualizzazione a 360° del gocciolamento olio.

TRANSPARENT OIL WINDOW allowing 360° dripping display.

TAZZA IN POLIAMMIDE TENACIZZATO CON PROTEZIONE ESTERNA
Disponibile anche in versione trasparente.

TOUGHENED POLYAMIDE BOWL WITH OUTER GUARD.
Available also in transparent version.

PRESA D'ARIA

Consente un prelievo supplementare di aria filtrata e/o regolata.

AIR TAKE-OFF

It provides supplementary port of filtered and/or regulated air

SCARICO AUTOMATICO a galleggiante con portatubo di drenaggio della condensa

AUTOMATIC FLOAT TYPE CONDENSATE DRAIN

with pipeholder for conveying condensate.

MANOMETRO COMPATTO

COMPACT PRESSURE GAUGE

MODULAR LINE 042 1/4"

V3+FR+PA+SV+AVP+L

LINE 039 1/8"-1/4" NPT | PRESSURE REGULATORS



GENERAL FEATURES

Aircomp microregulators are available in a wide range of models so as to fulfill several application requirements. The internal balanced valve guarantees high regulation stability upon variation of the upstream pressure. An accurate designing of the internal opening system provides regulation speed and big flow rate. The used polymers and internal components make this product extremely versatile for different applications with compressed air.

GENERAL TECHNICAL DATA

Fluid	compressed air
Working temperature (at 145 PSIG):	23/122°F
Connections IN-OUT	1/8" e 1/4"
Fixing type	panel mounted or with bracket
Mounting position	any
Tamper-proof knob	upon request
Version with lock	upon request

REGULATORS FOR AIR

GUIDE TO REFERENCES

MR 1/4" 039 08 R

Product MR = Microregulators	Version = Standard FA-RM = Air escape + improve relieving SRU = Unidirectional quick exhaust EPDM = with seals EPDM
Connection 1/8" = 1/8" NPT 1/4" = 1/4" NPT	Version R = Relieving (for air) Non relieving (please see water preparation catalogue)
Line 039	Pressure range 02 = 0 - 30 PSIG 04 = 0 - 60 PSIG 08 = 0 - 120 PSIG 12 = 0 - 175 PSIG

REGULATORS FOR WATER

GUIDE TO REFERENCES

MR 1/4" 039 08 A 2V POM FG

Product MR = Microregulators	FG = certified materials
Connection 1/8" = 1/8" NPT 1/4" = 1/4" NPT	Options = standard INOX = inserti INOX POM = body without metal inserts SRU = Unidirectional quick exhaust with seals in EPDM EPDM = with seals in EPDM
Line 039	Body type 2V = 2 ways 4V = 4 ways
Pressure range 02 = 0 - 30 PSIG 04 = 0 - 60 PSIG 08 = 0 - 120 PSIG 12 = 0 - 175 PSIG	Version R = relieving A = Non relieving

For **water version** regulators please see section 3 "water preparation".

⚠ WARNING!

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LINE 039 1/8"-1/4" NPT | PRESSURE REGULATORS

PRESSURE REGULATORS LINE 039

The expertise we have gained over many years in planning and production of pressure regulators has lead us to constantly improve our products. Our customers urge us to develop even more specific and customised solutions. Nowadays we can offer a broad range of regulators for many applications.

COMPRESSED AIR REGULATION

LINE 039 REGULATOR FOR COMPRESSED AIR



Features: big flow rate, stability

LINE 039 SRU QUICK EXHAUST REGULATOR



Feature: high exhaust speed

LINE 039 FA-RM AIR ESCAPE REGULATOR WITH INCREASED RELIEVING



Feature: high sensitivity and precision

LINE 039 EPDM AIR REGULATOR WITH EPDM SEALS



Feature: resistance against chemical aggressions

WATER AND FLUIDS REGULATION

LINE 039 NON-RELIEVING REGULATOR FOR WATER



Features: big flow rate, stability

LINE 039 POM WITH CERTIFIED MATERIALS FOR DRINKING WATER



Features: compatibility and precision

LINE 039 INOX WITH CERTIFIED MATERIALS AND STAINLESS STEEL FOR DRINKING WATER



Features: compatibility and precision

LINE 039 EPDM NON-RELIEVING REGULATOR FOR LIQUIDS



Features: compatibility with brake fluid

Would you like to learn more about our range for water and fluids? Please visit the Water Preparation section.



LK VERSION WITH LOCK

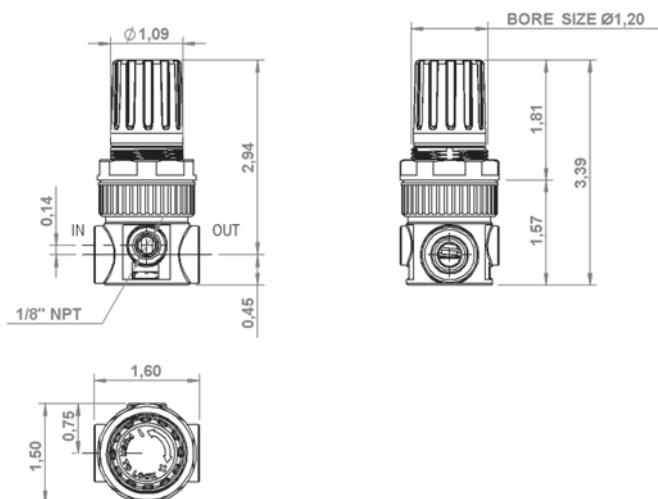
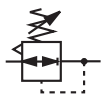
The regulator is adjusted at the required pressure, the knob is blocked and locked. Pressure modification is possible only by opening the lock.



PRE-SET VERSION

The regulator is preset at the pressure value required by the customer. A tamper-proof knob is mounted in order to avoid any modification to the preset pressure.

LINE 039 1/8"-1/4" NPT | PRESSURE REGULATORS



GENERAL FEATURES

High performance microregulator with balanced valve for guaranteeing great stability even upon variation of the downstream pressure and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with pressure locking device.

Equipped with nut and nr. 1 plug.

GENERAL TECHNICAL DATA

Pressure range	0-30, 0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Reference flow rate (P1= 91 PSIG ΔP=14.5 PSIG)	31.8 SCFM
Working temperature (at 145 PSIG):	23 - 122 °F
Max. torque inserts 1/8" IN-OUT	177 In lb
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	8 In lb
Weight	0.22 lb

Below 37°F the air of the circuit must be free from humidity

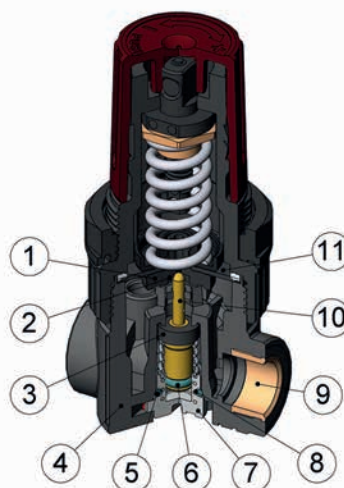
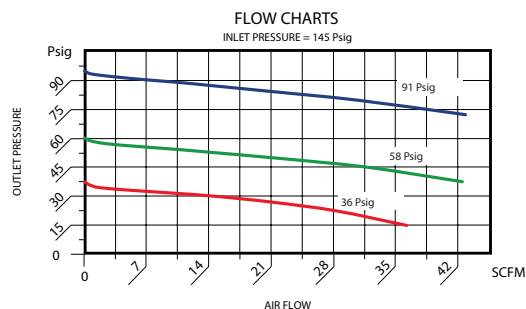
ORDERING CODE

CODE	REF.
X39.00.00001	MR 1/8" 039 02 R
X39.00.00002	MR 1/8" 039 04 R
X39.00.00003	MR 1/8" 039 08 R
X39.00.00004	MR 1/8" 039 12 R
X39.00.00401	MR 1/4" 039 02 R
X39.00.00402	MR 1/4" 039 04 R
X39.00.00403	MR 1/4" 039 08 R
X39.00.00404	MR 1/4" 039 12 R

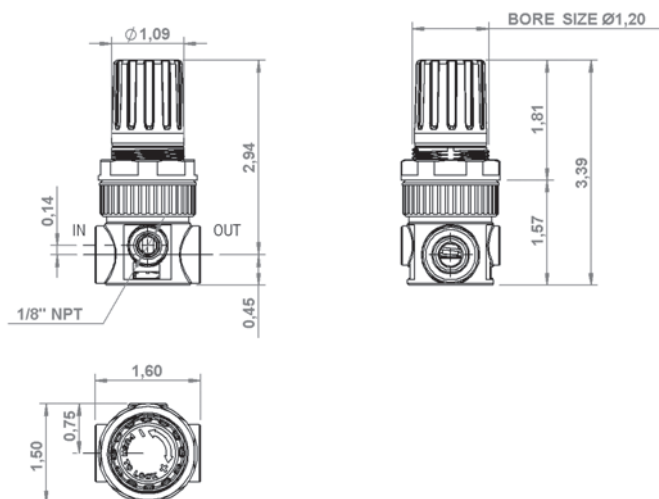
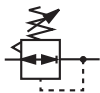
MATERIALS

- | | |
|-------------------------|--|
| 1. Diaphragm pin - POM | 7. Plug - POM |
| 2. Relieving seal - NBR | 8. Valve spring - STAINLESS STEEL AISI 316 |
| 3. Valve sealing - NBR | 9. Inserts - BRASS OT58 |
| 4. Regulator body - POM | 10. Valve body - BRASS OT58 |
| 5. O-Ring plug - NBR | 11. Diaphragm - NBR |
| 6. O-Ring valve - NBR | |

For the non-relieving models please go to Water preparation section.



LINE 039 1/8"-1/4" NPT | REGULATORS FA-RM AIR ESCAPE



GENERAL FEATURES

High precision microregulators, thanks to an innovative CONTROLLED AIR ESCAPE SYSTEM which enhances the regulation sensitivity.

The relieving exhaust hole has been enlarged to 1,8mm for guaranteeing greater flow rate during the phase of overpressure exhaust. Knob with pressure locking device.

Equipped with nut and nr. 1 plug.

GENERAL TECHNICAL DATA

Pressure range	0-30, 0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Reference flow rate (PI= 91 PSIG ΔP=14.5 PSIG)	31.8 SCFM
Flow rate controlled air escape (Inlet P= 145 PSIG Outlet P=87 PSIG)	0.13 SCFM
Working temperature (at 145 PSIG):	23 - 122° F
Max. torque inserts 1/8" IN-OUT	177 In lb
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	8 In lb
Weight	0.22 lb

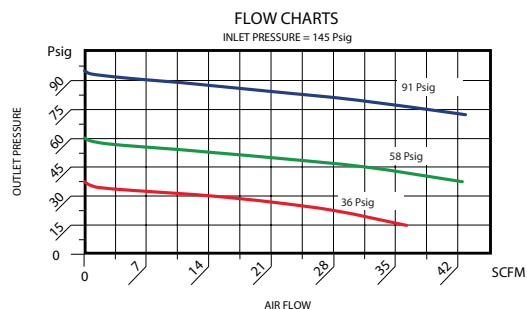
Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X39.00.00701	MR 1/8" 039 02 R FA-RM
X39.00.00702	MR 1/8" 039 04 R FA-RM
X39.00.00703	MR 1/8" 039 08 R FA-RM
X39.00.00704	MR 1/8" 039 12 R FA-RM
X39.00.00801	MR 1/4" 039 02 R FA-RM
X39.00.00802	MR 1/4" 039 04 R FA-RM
X39.00.00803	MR 1/4" 039 08 R FA-RM
X39.00.00804	MR 1/4" 039 12 R FA-RM

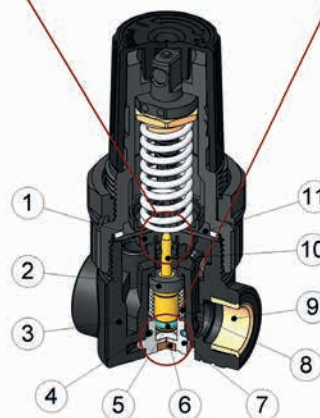
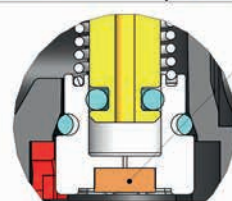
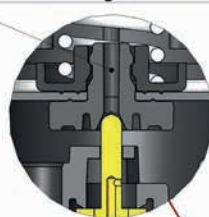
MATERIALS

- | | |
|-------------------------------|--|
| 1. Diaphragm pin - POM | 7. Plug - POM |
| 2. Sealing valve - NBR | 8. Valve spring - STAINLESS STEEL AISI 316 |
| 3. Regulator body - POM | 9. Inserts - BRASS OT58 |
| 4. O-Ring plug - NBR | 10. Valve body - BRASS OT58 |
| 5. O-Ring valve - NBR | 11. Diaphragm - NBR |
| 6. Silencer - sintered bronze | |

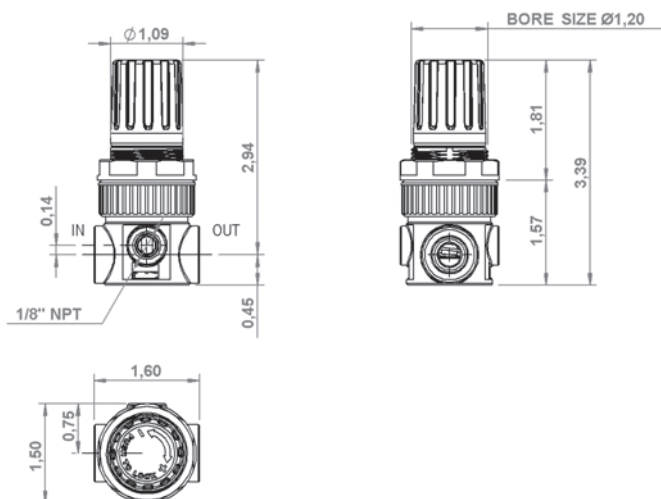
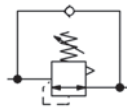


Foro di scarico del relieving maggiorato
Increased relieving exhaust hole

Fuga d'aria controllata e silenziata
Controlled and Air escape with silencer



LINE 039 1/8"-1/4" NPT | REGULATORS SRU QUICK EXHAUST



GENERAL FEATURES

Model equipped with internal unidirectional valve enabling the quick exhaust of pressure when the circuit is depressurized. The most common application of SRU model provides the mounting of the microregulator between the control valve and the cylinder. The exhaust phase of the valve does not incur in any load loss thanks to the passage through the unidirectional valve, thus guaranteeing speed and high performance.

GENERAL TECHNICAL DATA

Pressure range	0-30, 0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Reference flow rate (P1= 91 PSIG ΔP=14.5 PSIG)	31.8 SCFM
Working temperature (at 145 PSIG):	23 - 122 °F
Max. torque inserts 1/8" IN-OUT	177 In lb
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	8 In lb
Weight	0.22 lb

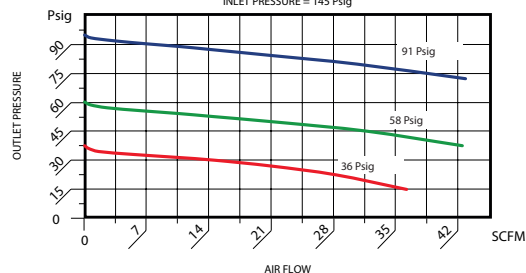
Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

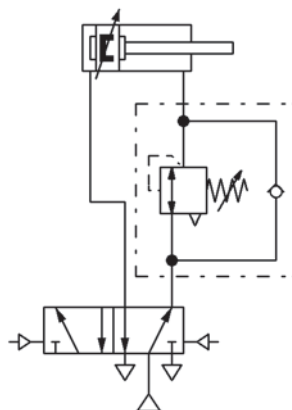
CODE	REF.
X39.00.00022	MR 1/8" 039 02 R SRU
X39.00.00023	MR 1/8" 039 04 R SRU
X39.00.00024	MR 1/8" 039 08 R SRU
X39.00.00025	MR 1/8" 039 12 R SRU
X39.00.00441	MR 1/4" 039 02 R SRU
X39.00.00442	MR 1/4" 039 04 R SRU
X39.00.00443	MR 1/4" 039 08 R SRU
X39.00.00444	MR 1/4" 039 12 R SRU

FLOW CHARTS

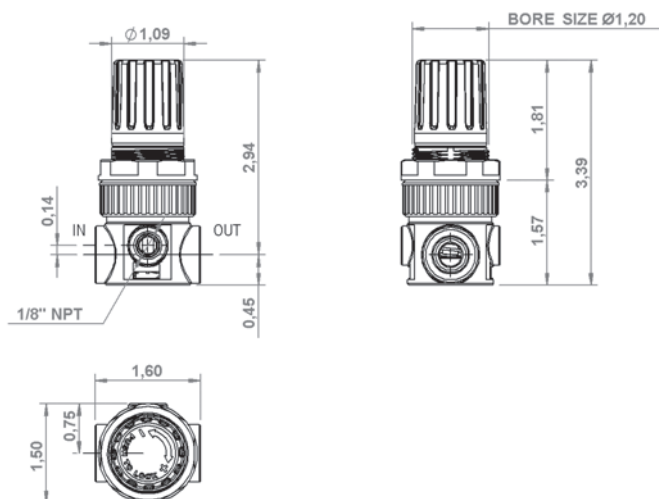
INLET PRESSURE = 145 Psig



APPLICATION SCHEME



LINE 039 1/4" NPT | EPDM REGULATORS



GENERAL FEATURES

In this version, all the elastomers in contact with fluid (seals, diaphragm, etc.) are in EPDM so as to ensure the greatest resistance against chemical aggression.

Applications: solvent-laden working environment (painting); contact with brake fluid (non-relieving version).

High performance microregulator with balanced valve for guaranteeing great stability even upon variation of the upstream pressure and low load loss.

Available in relieving and non-relieving version.

Knob with pressure locking device.

Equipped with nut and nr. 1 plug.

GENERAL TECHNICAL DATA

Pressure range	0-30, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Reference flow rate (P1= 91 PSIG ΔP=14.5 PSIG)	31.8 SCFM
Working temperature (at 145 PSIG):	23 - 122 °F
Max. torque inserts 1/8" IN-OUT	177 In lb
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	8 In lb
Weight	0.22 lb

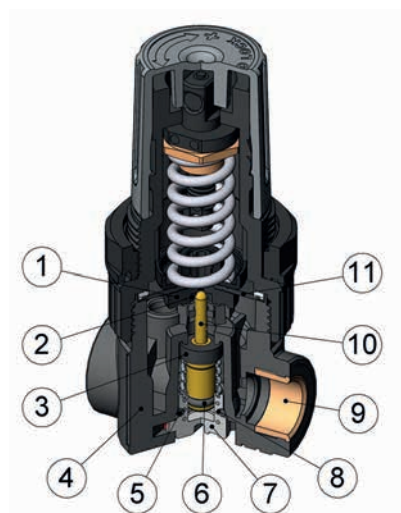
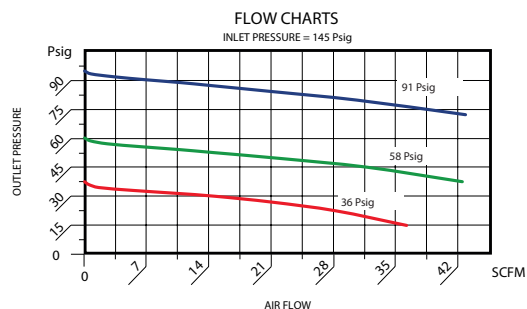
Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
Regulator with relieving	
X39.00.00300	MR 1/4" 039 02 R EPDM
X39.00.00301	MR 1/4" 039 04 R EPDM
X39.00.00302	MR 1/4" 039 08 R EPDM
X39.00.00303	MR 1/4" 039 12 R EPDM
Non relieving regulator	
X39.00.00304	MR 1/4" 039 02A EPDM
X39.00.00305	MR 1/4" 039 04A EPDM
X39.00.00306	MR 1/4" 039 08A EPDM
X39.00.00307	MR 1/4" 039 12A EPDM

MATERIALS

- | | |
|--------------------------|--|
| 1. Diaphragm pin - POM | 7. Plug - POM |
| 2. Relieving seal - EPDM | 8. Valve spring - STAINLESS STEEL AISI 316 |
| 3. Valve sealing - EPDM | 9. Inserts - BRASS OT58 |
| 4. Regulator body - POM | 10. Valve body - BRASS OT58 |
| 5. O-Ring plug - EPDM | 11. Diaphragm - EPDM |
| 6. O-Ring valve - EPDM | |

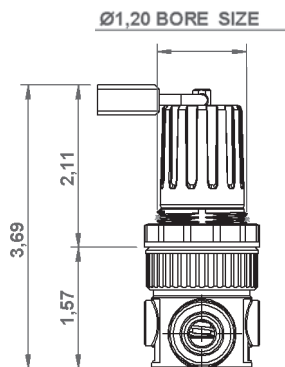


LINE 039 1/8"-1/4" NPT | SPECIAL VERSIONS

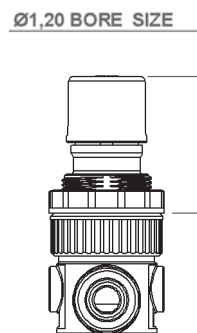
AIR PREPARATION

VALVES

WATER PREPARATION



**LOCKABLE
VERSION**



**PRE-SET
VERSION**

MICROREGULATOR WITH LOCK

- * All Aircomp Microregulators are available in the version with lock.
- This regulator version allows adjusting the required pressure and fix it, preventing accidental setting changes.
- * The regulator is equipped with padlock and two keys.
- * For further technical features, please refer to the respective Line, or contact our office.

GUIDE TO REFERENCES

MR 1/4" 039 08 R LK

Connection

1/8" = 1/8" NPT
1/4" = 1/4" NPT

Drain

LK = With lock

Line

039

Version

R = Relieving (for air)
A = Non relieving (for water)

Pressure range

02 = 0-30 PSIG
04 = 0-60 PSIG
08 = 0-120 PSIG
12 = 0-175 PSIG

PRE-SET MICROREGULATOR

- * Microregulators with outlet pressure pre-set by our production can be supplied upon request.
- * With this version the Customer receives a pre-set Regulator featuring the required outlet pressure, equipped with tamper-proof knob.
- * The tamper-proof knob enables keeping the pre-set outlet pressure, preventing unintentional pressure adjustments.
- * In order to change the pre-set pressure, it is necessary to break the knob.
- * Line recommended for pre-set version: Line 039, that keeps high precision on outlet pressure thanks to its own features.
- * For further information about tolerance on outlet pressure, please contact our offices.

GUIDE TO REFERENCES

MR 1/4" 039 T 4 R

Connection

1/8" = 1/8" NPT
1/4" = 1/4" NPT

Line

039

Version

R = Relieving (for air)
A = Non relieving (for water)

Pre-set value

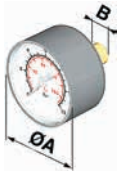
4 = 60 PSI

Special type

T = Pre-set version

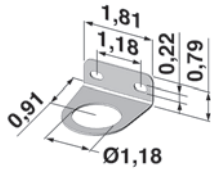
LINE 039 1/8"-1/4" NPT | SPARE PARTS

GAUGE



CODE	BAR	PSIG	A	B	CH.
A38.00.00104	0-14	0-200	1.57	1/8 NPT	0.55

BRACKET



CODE	PRODUCT
C38.00.00069	039 - 042

PLUG G1/8"



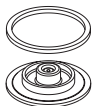
CODE	PRODUCT
B38.00.00018	039

REGULATION SPRING



CODE	LINE	PRESSURE RANGE
A38.00.00133	039	0-14.5 PSIG
A38.00.00132	039	0-30 PSIG
A38.00.00131	039	0-60 PSIG
A38.00.00130	039	0-120 PSIG
A38.00.00128	039	0-175 PSIG

DIAPHRAGM KIT



CODE	LINE	VERSION
C39.00.00074	039	RELIEVING
C39.00.00076	039	FA-RM
C39.00.00094	039 EPDM	RELIEVING

TAMPER PROOF KNOB



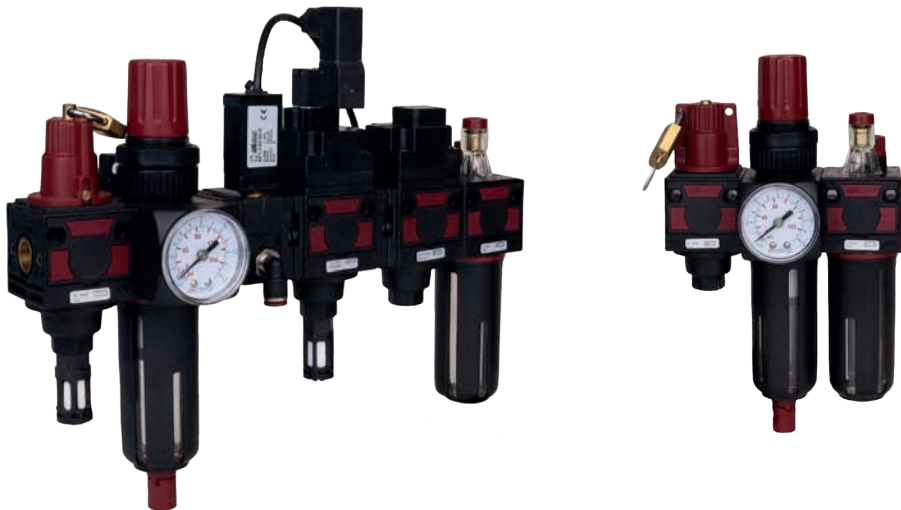
CODE	LINE
B39 00 00007	039 - 042

LINE 042 1/4" NPT | MODULAR UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

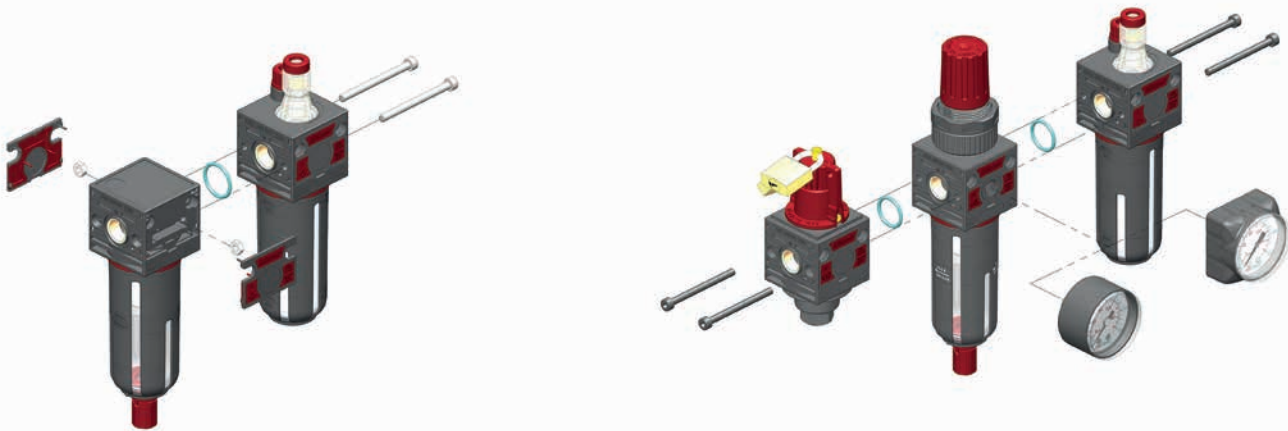
Modular units Line 042 have been designed for delivering the utmost assembling flexibility in order to realize battery sets featuring exactly the functions that customer's application requires. The additional available modules are the following:

- V3 manual shut-off valve with lock
- SV electric or pneumatic shut-off valve
- AVP slow-start valve
- MF coalescing microfilter 0,01 micron
- CF activated carbon filter
- PA additional air inlet , intermediate, inlet or outlet

GENERAL TECHNICAL DATA

Fluid	compressed air
Working temperature (at 145 PSIG)	23 - 122° F
Connections IN-OUT	1/4" NPT
Assembling type	Unit kit or battery kit
Mounting position	see singol components
Wall fixing	through holes on the body or brackets
Version with lock	V3 standard; R and FR upon request
Preset tamper-proof version	R and FR upon request

UNITS ASSEMBLING KIT

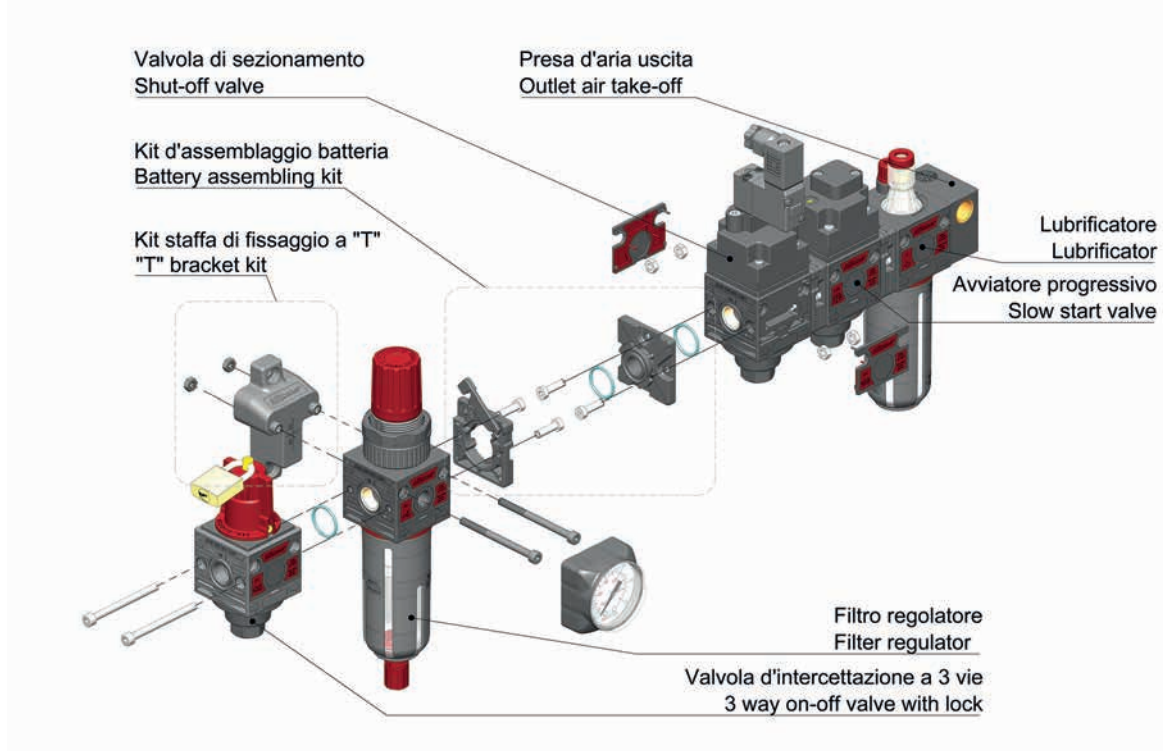


Art. C400600001 assembling kit for units FRL 042: for assembling sets of 2 or 3 units: FR+L; F+R+L; V3+FR+L or F+L; F+MF

LINE 042 1/4" NPT | MODULAR UNITS

BATTERY ASSEMBLING KIT (SLIM KIT)

Art. C420600007 Slim Kit: assembling kit for battery sets FRL 042: it can be used for all combinations



This Kit, that has been designed for providing the greatest flexibility in configuring battery sets Line 042, even offers the possibility to turn 90° the components with respect to the main axis.

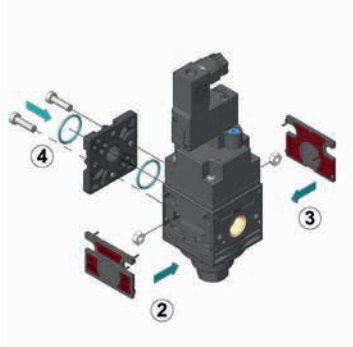
STANDARD ORIENTATION



90° ORIENTATION



HOW TO ASSEMBLE



ASSEMBLY PHASES:

1. Assemble the kit left side (you can always find fixing nuts on the body of regulator and filter regulator)

2-3, Remove temporarily the plates, replace the holding bit with the nuts.

4. Assemble the kit right side

5. Turn one of the two units for allowing the locking.

6. Reposition the unit to its correct position.

7. Lock the safety tooth.

LINE 042 1/4" NPT | MODULAR UNITS

CONDENSATE DRAIN

The condensate building up within the pneumatic systems is often causing malfunctioning and expensive extraordinary maintenance. Therefore, it is of utmost importance providing a good separation operated by the filter and an effective drainage to the outside, in order to avoid an excessive piling up. Aircomp offers the opportunity to equip the filters with different types of condensate drain according to the system requirements.

SEMI-AUTOMATIC DRAIN (SS)



Semiautomatic drain is supplied as standard on all Aircomp Lines.

The standard drain closes when the bowl is pressurized (min. P 7 PSIG) and opens discharging the condensate whenever the unit is depressurized.

The drain can be manually set to always "closed" modality (closed both when the bowl is pressurized and depressurized).

FLOAT TYPE AUTOMATIC DRAIN (SA)



Float type automatic drain opens even when the bowl is pressurized upon reaching a set condensate level. The excess condensate is discharged to the outside and can be conveyed connecting a drainage hose to the duct.

DIFFERENTIAL AUTOMATIC DRAIN (SAD)



Differential automatic drain opens even when the bowl is pressurized but only when there is air consumption (min. delta P = 3 PSIG) and upon reaching a set condensate level. The excess condensate is discharged to the outside. It is possible to connect a drainage hose to the duct.

OPEN 1/8 CONNECTION (S18)



The seat with female thread 1/8 , available upon request, allows the connection to alternative remote open/close systems, such as exhaust solenoid valves.

It is available also with locking pin with "manual drain" function.

All Aircomp air preparation units can be directly wall mounted through the holes prearranged on the body. As to Regulators and Filter Regulators, the option of the standard bracket to be used with the fixing nut is available.

The need to have a greater distance between the unit and the wall can be fulfilled by our «T» BRACKET KIT (Art. C420500001), that can be assembled on any main unit.

Please find more details hereunder:



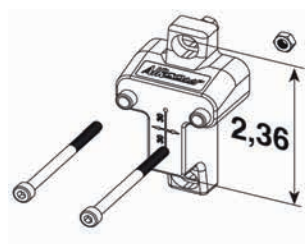
The T bracket can be assembled on the rear part of any unit by means of the 2 screws included in the kit.



In this way, it will be possible to space out even the single units, besides the battery sets.



The mounting of the unit is carried out after assembling the bracket on the wall.

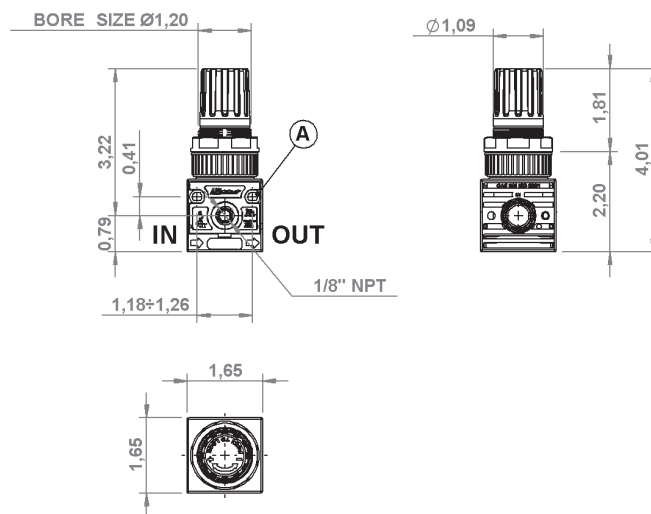
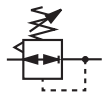


⚠ WARNING!

These products are intended for use in industrial systems only.

Do not use these products where pressures and temperatures can exceed those listed under catalogue specifications. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specification, consult STAMPOTECNICA.

LINE 042 1/4" NPT | MODULAR REGULATORS



GENERAL FEATURES

Modular regulator with balanced valve which ensures big flow rate and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with pressure locking device.

Equipped with nut and nr. plug.

GENERAL TECHNICAL DATA

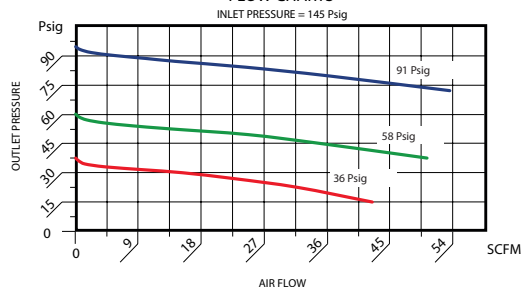
Pressure range	0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	42 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	0.22 In lb
Weight	0.27 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.01.00004	R 1/4" 042 04 R
X42.01.*****	R 1/4" 042 08 R
X42.01.00006	R 1/4" 042 12 R

FLOW CHARTS



For the non-relieving models please go to Water preparation section.

GUIDE TO REFERENCES

R 1/4" 042 08 R LK

Product R = Regulator	Special type LK = Lockable
Connection 1/4" = 1/4" NPT 3/8" = 3/8" NPT 1/2" = 1/2" NPT 3/4" = 3/4" NPT 1" = 1" NPT	Version = Standard B = For battery
Line 042 050 052 075 080 095	Version R = Relieving
	Range of pressure 04 = 0 - 60 PSIG 08 = 0 - 120 PSIG 12 = 0 - 175 PSIG



WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?
Replace 0 with "M" the the 6th digit of the part nr. for example:

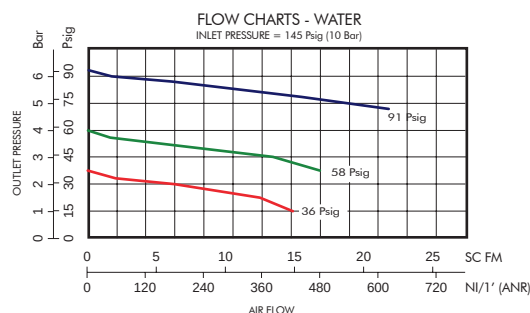
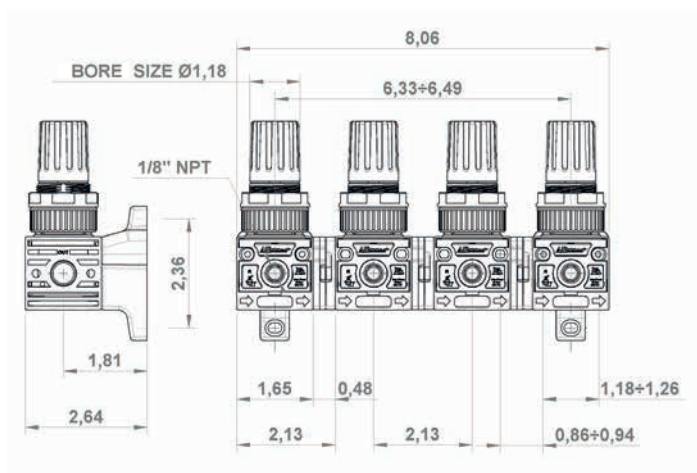
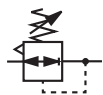
X42.01.00004 R 1/4" 042 04R + GAUGE

LINE 042 1/4" NPT | REGULATORS FOR BATTERY

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Modular regulator for BATTERY assembling, with common inlet and regulated pressure on the front connections.

Constant supply for all regulators and independent regulation pressure for each port.

Relieving for a quick exhaust of downstream overpressure.

Knob with locking pressure device.

Equipped with nut and nr. 1 plug.

GENERAL TECHNICAL DATA

Pressure range	0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	21 SCFM
Working temperature (at 145 PSIG)	23 -122°F
INLET-OUTLET connections	1/4" NPT
Regulated pressure connections	1/8" NPT
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	0.22 In lb
Weight	0.27 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.01.00045	R 1/4" 042 02 R B
X42.01.00046	R 1/4" 042 04 R B
X42.01.00047	R 1/4" 042 08 R B
X42.01.00048	R 1/4" 042 12 R B

For the non-relieving models please go to Water preparation section.

GUIDE TO REFERENCES

R 1/4" 042 08 R LK

Product

R = Regulator

Special type

LK = Lockable

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Version

= Standard

B = For battery

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG

08 = 0 - 120 PSIG

12 = 0 - 175 PSIG

Line

042

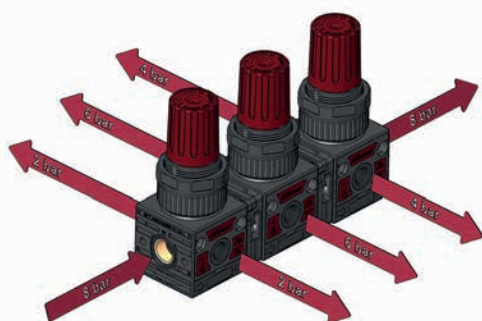
050

052

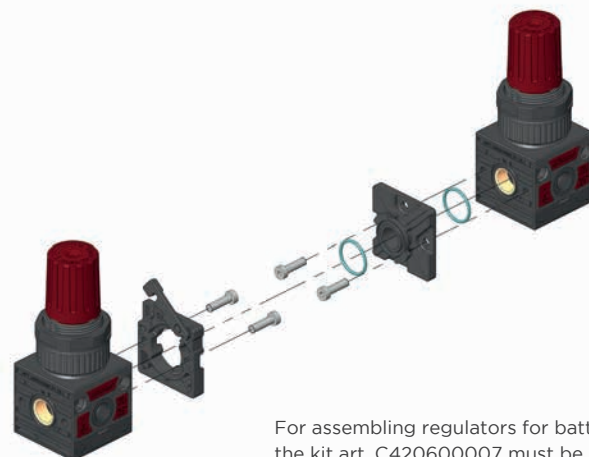
075

080

095

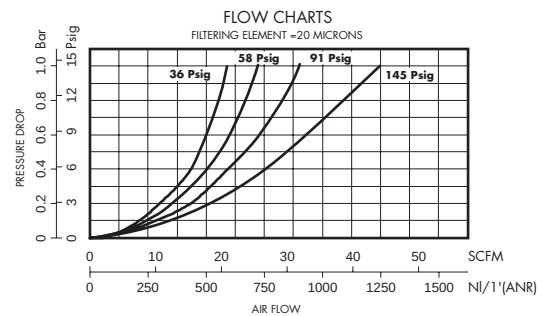
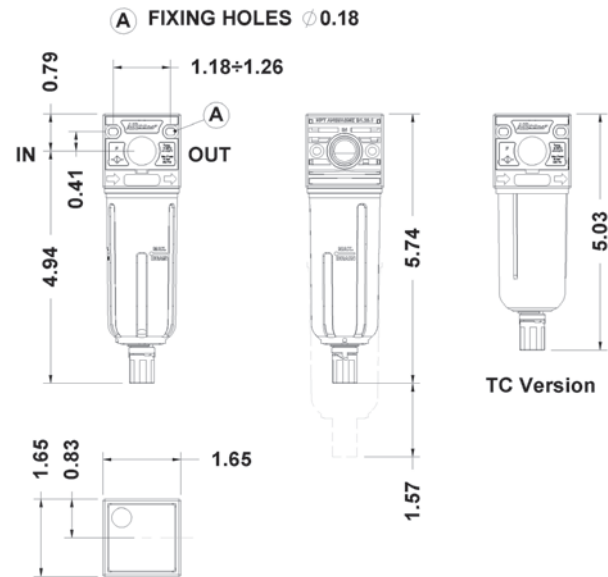


Assembling scheme



For assembling regulators for battery, the kit art. C420600007 must be used.

LINE 042 1/4" NPT | MODULAR FILTERS



GENERAL FEATURES

Modular filter delivering high degree of condensate separation and low load loss.

It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS). Available options: float type automatic drain (SA) and differential (SAD), which can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide, available in following configurations:

TT = transparent; PE = outer guard; TC = short transparent.

GENERAL TECHNICAL DATA

Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7-230 PSIG mod. SA: 22-145 PSIG mod. SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1=145 PSIG ΔP= 14.5 PSIG)	44 SCFM
Working temperature (at 145 PSIG)	23 - 122°F
Bowl capacity	TT = 22cc; PE = 22cc; TC = 15cc
Max Torque 1/4" IN-OUT	221 In lb
Weight	0.21 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.02.*****	F 1/4" 042 20 TT SS
X42.02.00109	F 1/4" 042 5 TT SS
X42.02.00072	F 1/4" 042 20 PE SS
X42.02.00118	F 1/4" 042 5 PE SS
X42.02.00110	F 1/4" 042 20 TC SS (short bowl)
X42.02.00176	F 1/4" 042 5 TC SS (short bowl)
Float type automatic drain version.	
X42.02.00151	F 1/4" 042 20 TT SA
X42.02.00152	F 1/4" 042 5 TT SA
X42.02.00153	F 1/4" 042 20 PE SA
X42.02.00154	F 1/4" 042 5 PE SA
"Differential" automatic drain version.	
X42.02.00180	F 1/4" 042 20 TT SAD
X42.02.00181	F 1/4" 042 5 TT SAD
X42.02.00182	F 1/4" 042 20 PE SAD
X42.02.00183	F 1/4" 042 5 PE SAD

GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

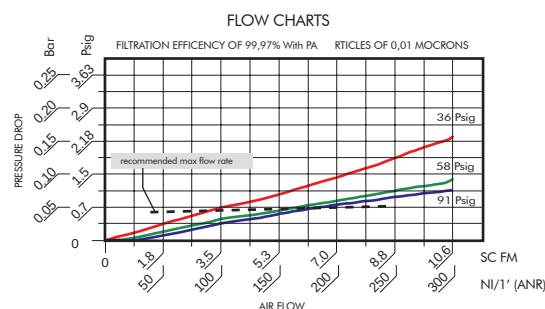
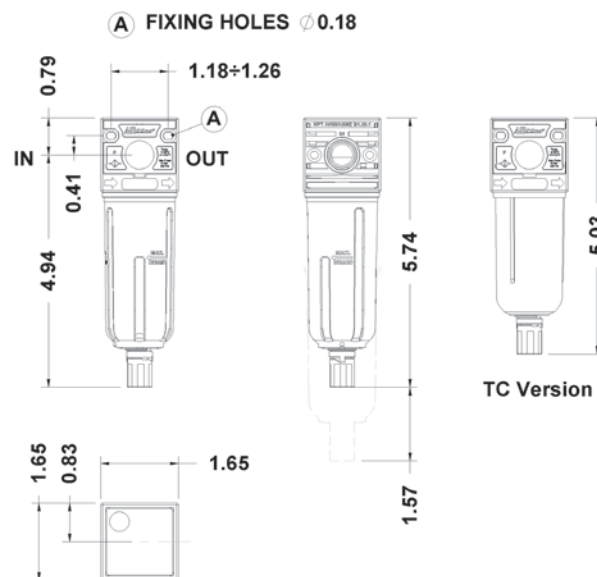
Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

LINE 042 1/4" NPT | COALESCING MICROFILTERS (OIL REMOVER)



GENERAL FEATURES

Modular filter with coalescing cartridge made from glass borosilicate fiber providing high filtering efficiency (99,97% on 0,01 micron particles).

It is recommended to install a 5 micron filter upstream in order to allow a longer life of the coalescing cartridge.

Application: it is suitable for removing oil remnants in pneumatic circuits.

It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS). Bowl made from hardened polyamide, available in following configurations: TT = transparent; PE = outer guard; TC = short transparent.

GENERAL TECHNICAL DATA

Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7-230 PSIG mod. SA: 22-145 PSIG mod. SAD: 29-175 PSIG
Filtering degree	0,01 micron
Recommended max flow rate	7 SCFM
Working temperature (at 145 PSIG)	23 - 122°F
Bowl capacity	TT = 22cc; PE = 22cc; TC = 15cc
Max Torque 1/4" IN-OUT	221 In lb
Weight	0.21 lb

ORDERING CODE

CODE	REF.
X42.02.00064	MF 1/4" 042 0,01 TT SS
X42.02.00115	MF 1/4" 042 0,01 PE SS
X42.02.00111	MF 1/4" 042 0,01 TC SS (short bowl)
Float type automatic drain version.	
X42.02.00159	MF 1/4" 042 0,01 TT SA
X42.02.00160	MF 1/4" 042 0,01 PE SA
"Differential" automatic drain version.	
X42.02.00184	MF 1/4" 042 0,01 TT SAD
X42.02.00185	MF 1/4" 042 0,01 PE SAD

GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

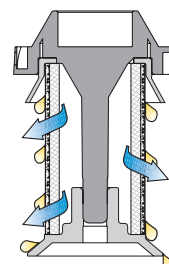
Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

COALESCENT CARTRIDGE

FUNCTIONING

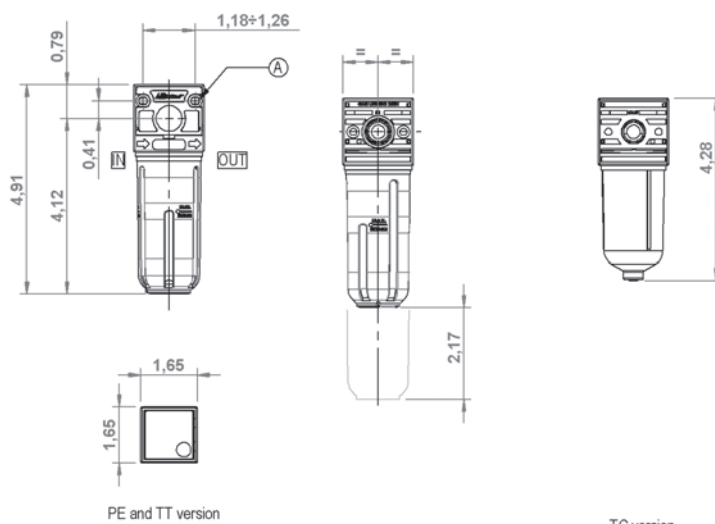
The air with impurity enter into the special high efficiency cartridge, which stops solid particles, captures and joins outside the oil particles (coalescing effect), so that they can easily fall to the bottom of the bowl and be drained outside. In doing so, the filtered air will be free from solid impurities and liquid particles.



LINE 042 1/4" NPT | CARBON FILTERS



Ⓐ FIXING HOLES Ø0,22



GENERAL FEATURES

Aircomp activated carbon filter exploits the absorption properties of activated carbon in order to increase air purity and eliminate unpleasant smell in the air aimed at the industrial sector. The activated carbon filter, in order to guarantee its performance, needs to be associated with a coalescing filter, that should be preceded by a 5 Micron filter (F+MF+CF). It can be wall mounted through the holes prearranged on the body. Closed bowl (without drain) made from hardened polyamide, available in following configurations: TT = transparent; PE = outer guard; TC = short transparent.

GENERAL TECHNICAL DATA

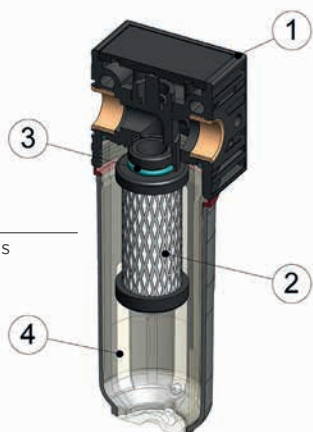
Fluid	compressed air
Maximum inlet pressure	230 PSIG
Filtering cartridge	activated carbon
Life of cartridge	Replacement against pressure drop higher than 10 PSIG. Anyhow, do not exceed 2,000 working hours. Saturation of activated carbon may not cause pressure drop.
Reference flow rate	see the flow chart
Working temperature (at 145 PSIG)	23 - 122°F
Max Torque 1/4" IN-OUT	221 In lb
Weight	0.21 lb

ORDERING CODE

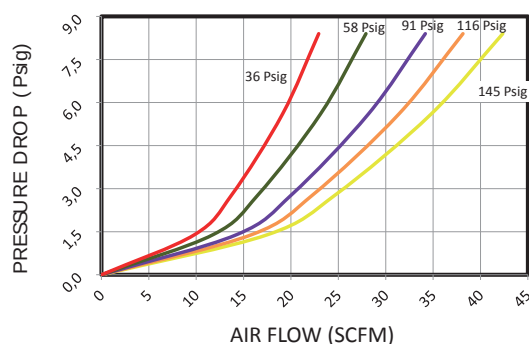
CODE	REF.
X42.02.00300	CF 042 1/4 CA TT
X42.02.00301	CF 042 1/4 CA TC (short bowl)
X42.02.00302	CF 042 1/4 CA PE

COMPONENTI

- Body** - resina acetalica + brass
- Carbon filter cartridge**
- O-ring** - NBR
- Bowl** - Toughened PA



FLOW CHARTS



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

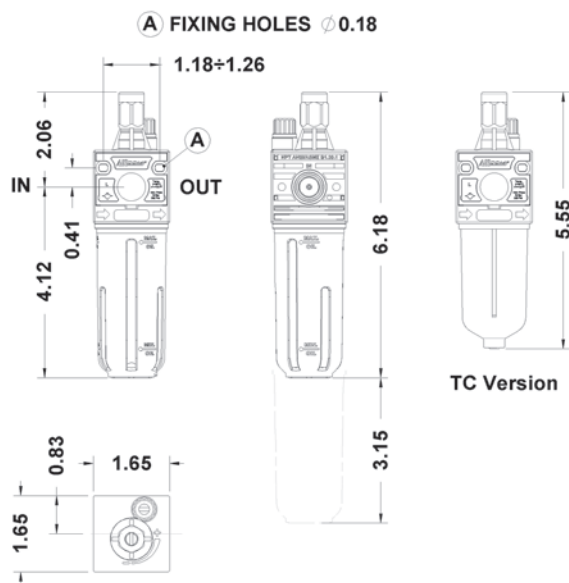
5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

LINE 042 1/4" NPT | LUBRICATORS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Proportional oil mist lubricator allowing a constant oil delivery over time.

Oil suction even under low flow rate with high sensitivity in the lubricant adjustment.

Oil filling plug.

It can be wall mounted through the holes prearranged on the body.

Closed bowl (without drain) made from hardened polyamide, available in following configurations: TT = transparent; PE = outer guard; TC = short transparent.

GENERAL TECHNICAL DATA

Maximum inlet pressure	230 PSIG
Bowl capacity	TT= 42cc; PE=42cc; TC=32cc
Recommended oil viscosity	ISO VG32
Reference flow rate (P1=145 PSIG ΔP= 14.5 PSIG)	73 SCFM
Working temperature (at 145 PSIG)	23 - 122°F
Max Torque 1/4" IN-OUT	221 In lb
Weight	0.21 lb

Below 37°F the air of the circuit must be free from humidity

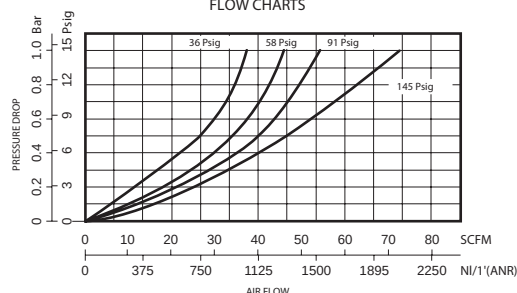
ORDERING CODE

CODE	REF.
X42.03.*****	L 1/4" O42 TT
X42.03.00072	L 1/4" O42 PE
X42.03.00078	L 1/4" O42 TC (short bowl)

MINIMUM OPERATING FLOW RATE

INLET PRESSURE			MINIMUM AIR FLOW RATE		
Psig	MPa	Bar	dm ³ /s (ANR)	NI/T' (ANR)	SCFM
36	0,25	2,50	0,36	22	0.77
58	0,40	4,00	0,43	26	0.92
91	0,63	6,30	0,50	30	1.05

FLOW CHARTS



GUIDE TO REFERENCES

L 1/4" O42 PE

Product

L = Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

O42
O50
O52
O75
O80
O95

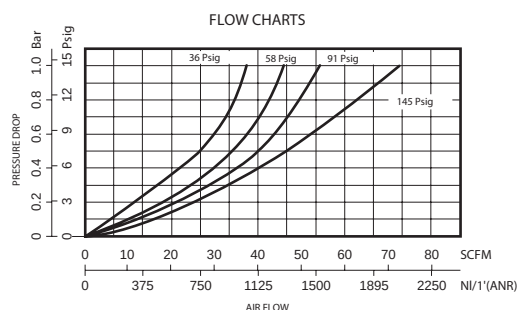
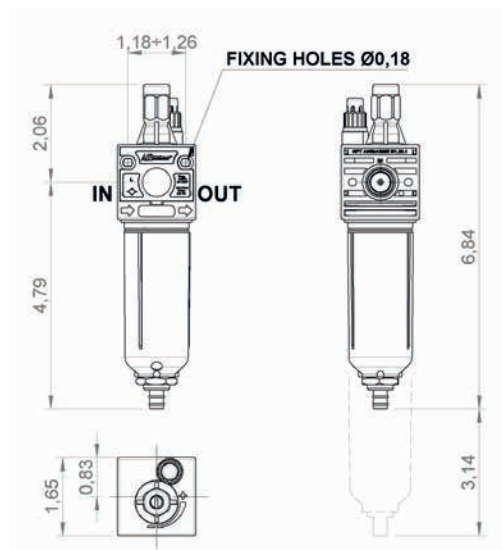
Version

= Standard
VL = Vacuum filling
IL = Min Level indicator
IM = Max/Min Level indicator (Line 095 only)

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

LINE 042 1/4" NPT | VL VACUUM FILLING LUBRICATORS



GENERAL FEATURES

Proportional oil mist lubricator with oil filling from an external tank without interrupting the operation of the system.

Oil suction even under low flow rate with high sensitivity in the lubricant adjustment.

It can be wall mounted through the holes prearranged on the body.

Closed bowl (without drain) made from hardened polyamide, available in following configurations: TT = transparent; PE = outer guard; TC = short transparent.

GENERAL TECHNICAL DATA

Maximum inlet pressure	230 PSIG
Minimum working pressure	18 PSIG
Bowl capacity	TT= 42cc; PE=42cc (1.42 oz)
Recommended oil viscosity	ISO VG32
Reference flow rate (P1=145 PSIG ΔP= 14.5 PSIG)	73 SCFM
Working temperature (at 145 PSIG)	23 - 122°F
Max Torque 1/4" IN-OUT	221 In lb
Weight	0.30 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.03.00500	L 1/4" O42 TT VL
X42.03.00501	L 1/4" O42 PE VL

MINIMUM OPERATING FLOW RATE

INLET PRESSURE			MINIMUM AIR FLOW RATE		
Psig	MPa	Bar	dm ³ /s (ANR)	NI/11 (ANR)	SCFM
58	0,40	4,00	0,43	26	0.92
91	0,63	6,30	0,50	30	1.05

GUIDE TO REFERENCES

L 1/4" O42 PE

Product

L = Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

O42
O50
O52
O75
O80
O95

Version

= Standard
VL = Vacuum filling
IL = Min Level indicator
IM = Max/Min Level indicator (Line 095 only)

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

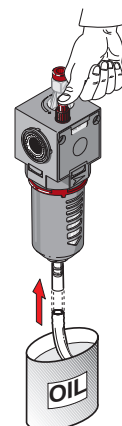
FUNCTIONING VL

The oil filling is achieved by pressing and holding the button at the base of the lubricator body.

The "Venturi" system causes a vacuum inside the bowl and the related oil intake.

The oil filling is stopped only upon releasing the button. The oil level is visually checked during the filling.

Max. suction height : 1,5 m.

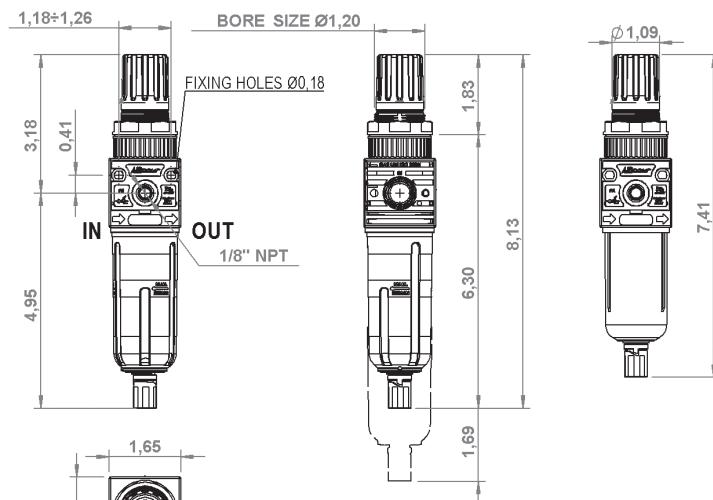


LINE 042 1/4" NPT | FILTER REGULATORS

AIR PREPARATION

VALVES

WATER PREPARATION



PE and TT version

TC Version

GENERAL FEATURES

High performance modular filter regulator ensuring big flow rate and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with locking pressure device.

Equipped with semiautomatic drain as standard (SS).

GENERAL TECHNICAL DATA

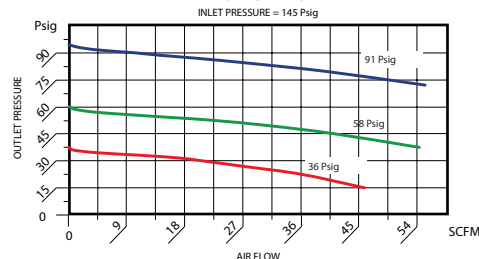
Pressure range	0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7 - 230 PSIG mod. SA: 21 - 145 PSIG mod. SAD: 29 - 175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	42 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	0.22 In lb
Bowl capacity	TT = 22cc; PE = 22cc; TC = 15cc
Weight	0.35 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.04.****	FR 1/4" 042 20 08 R TT SS
X42.04.00052	FR 1/4" 042 20 12 R TT SS
X42.04.00113	FR 1/4" 042 5 08 R TT SS
X42.04.00114	FR 1/4" 042 5 12 R TT SS
X42.04.00133	FR 1/4" 042 20 08 R TC SS (short bowl)
X42.04.00230	FR 1/4" 042 5 08 R TC SS (short bowl)
X42.04.00072	FR 1/4" 042 20 08 R PE SS
X42.04.00127	FR 1/4" 042 20 12 R PE SS
X42.04.00129	FR 1/4" 042 5 08 R PE SS
X42.04.00130	FR 1/4" 042 5 12 R PE SS
Float type automatic drain version.	
X42.04.00151	FR 1/4" 042 20 08 R TT SA
X42.04.00154	FR 1/4" 042 5 08 R TT SA
X42.04.00157	FR 1/4" 042 20 08 R PE SA
X42.04.00160	FR 1/4" 042 5 08 R PE SA
"Differential" automatic drain version.	
X42.04.00238	FR 1/4" 042 20 08 R TT SAD
X42.04.00240	FR 1/4" 042 5 08 R TT SAD
X42.04.00242	FR 1/4" 042 20 08 R PE SAD
X42.04.00244	FR 1/4" 042 5 08 R PE SAD

FLOW CHARTS



GUIDE TO REFERENCES

FR 1/4" 042 20 08 R PE SS

Product

FR = Filter regulator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

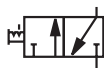
04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG



WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?
Replace 0 with "M" the 6th digit of the part nr. for example:

X42.04.M0072 FR 1/4" 042 20 08R PE SS + GAUGE

LINE 042 1/4" NPT | 3-WAY VALVES WITH LOCK



GENERAL FEATURES

The job of the 3-way on-off valve is to shut off air supply and exhaust the pressure in the downstream circuit.

Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations with total safety, thus avoiding the system from being accidentally pressurized.

The valve is equipped with nr. 1 lock and nr. 2 keys.

GENERAL TECHNICAL DATA

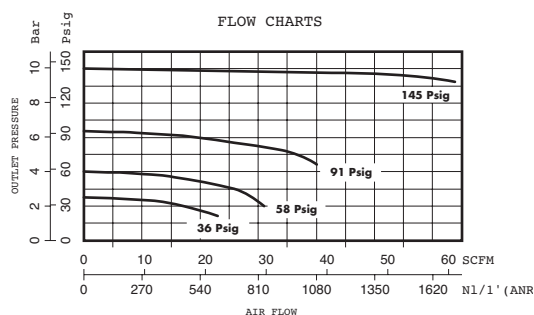
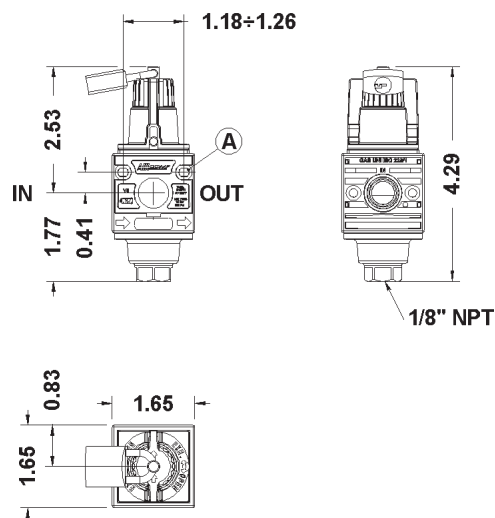
INLET-OUTLET connections	1/4" NPT
Exhaust connection	1/8" NPT
Maximum inlet pressure	230 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	55.4 SCFM
Exhaust flow rate (at 145 PSIG in open air)	35 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 In lb
Weight	0.34 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.25.00001	V 1/4" 042 V 3

① FIXING HOLES Ø 0.18



GUIDE TO REFERENCES

V 1/4" 042 3V

Product

V = 3 way Valve

Functioning

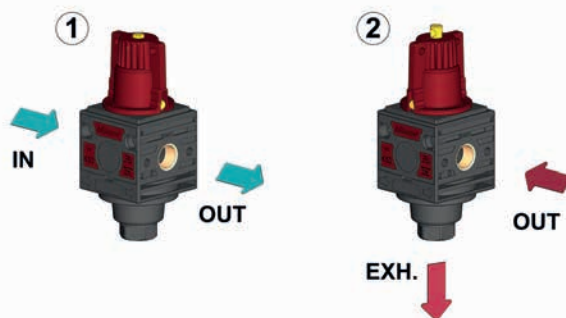
3V = 3 Way

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080



1. with OPEN VALVE

2. with CLOSED VALVE

IN and OUT are in communication for an open air flow

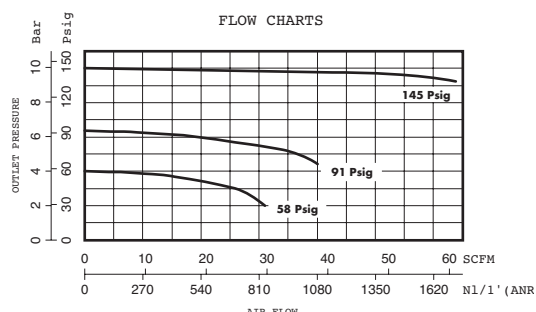
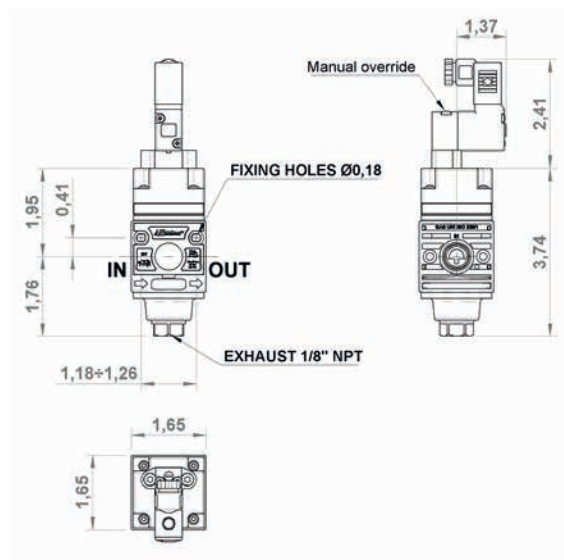
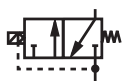
The inlet (IN) is closed while the outlet (OUT) is in communication with the exhaust.

LINE 042 1/4" NPT | ELECTRICAL SHUT-OFF VALVES PILOT 15MM

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

The job of the shut-off valve is to close the air supply and exhaust the pressure in the downstream circuit.
The electrical model is often connected to ON-OFF switches or emergency mushrooms on the control console.
Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations or for depressurizing circuits in any emergency situation.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/4" NPT
Exhaust connection	1/8" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	45 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	55.4 SCFM
Exhaust flow rate (at 145 PSIG in open air)	35 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Electric pilot	3/2 NC 15 mm (Microsol type)
Available voltage	24VDC (2,5W); 24VAC; 110VAC; 220VAC (3VA)
Weight	0.45 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR. COMPLETE UNIT



CODE	REF.
X42.26.00102	SV 1/4 042 15MM 12V DC
X42.26.00202	SV 1/4 042 15MM 24V DC
X42.26.00602	SV 1/4 042 15MM 24V AC
X42.26.00702	SV 1/4 042 15MM 110V AC
X42.26.00802	SV 1/4 042 15MM 220V AC

GUIDE TO REFERENCES

SV 1/4" 042 15MM 24VDC

Product

SV = Shut-off valve

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

Line

042

050

052

075

080

Voltage

12 VDC

24 VDC

24 VAC

110 VAC

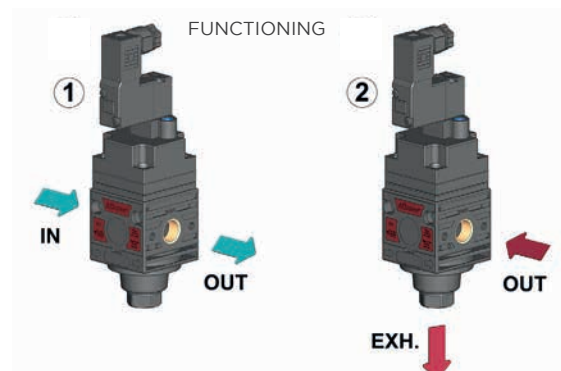
220 AC

Version

15MM = Solenoid pilot 15 mm

CNOM = Electric control C-NOMO

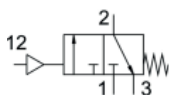
PNEU = Pneumatic



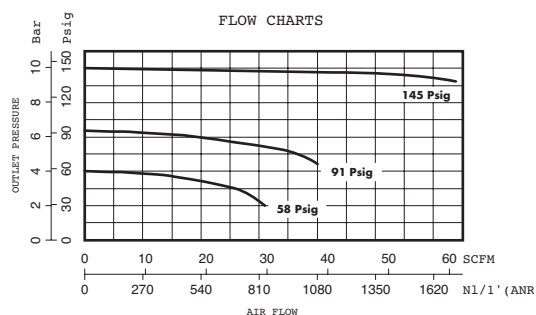
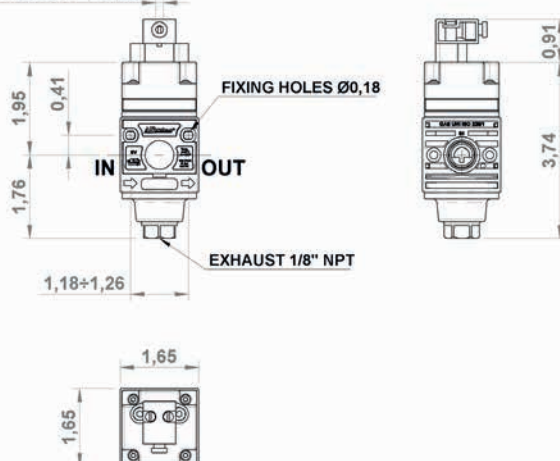
1. with actuated pilot, the SV is open (IN-OUT communication)

2. with non-actuated pilot, the SV is closed (IN closed / OUT exhausting)

LINE 042 1/4" NPT | PNEUMATIC SHUT-OFF VALVES



Pneumatic connection $\varnothing 5/32''$



GENERAL FEATURES

The job of the shut-off valve is to close the air supply and exhaust the pressure in the downstream circuit.

The pneumatic model is often connected to mushrooms actuators present on the control console.

Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for depressurizing the circuit.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/4" NPT
Exhaust connection	1/8" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	45 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	55.4 SCFM
Exhaust flow rate (at 145 PSIG in open air)	35 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 in lb
Pneumatic connection	push-in fitting D. 4mm (5/32")
Weight	0.20 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR. COMPLETE UNIT



CODE	REF.
X42.26.00902	SV 1/4 042 PNEUMATIC

GUIDE TO REFERENCES

SV 1/4" 042 15MM 24VDC

Product

SV = Shut-off valve

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

Line

042

050

052

075

080

Voltage

12 VDC

24 VDC

24 VAC

110 VAC

220 AC

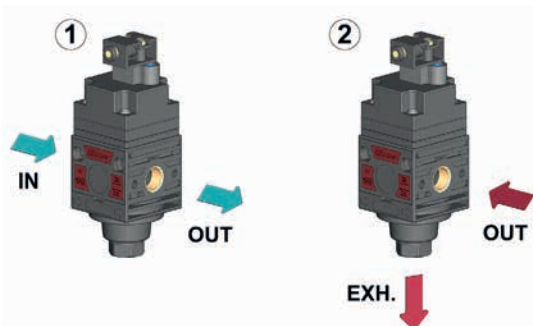
Version

15MM = Solenoid pilot 15 mm

CNOM = Electric control C-NOMO

PNEU = Pneumatic

FUNCTIONING



1. with piloting under pressure, the SV is open (IN-OUT communication)

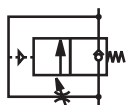
2. with piloting not under pressure, the SV is closed (IN closed / OUT exhausting)

LINE 042 1/4" NPT | SLOW-START VALVES

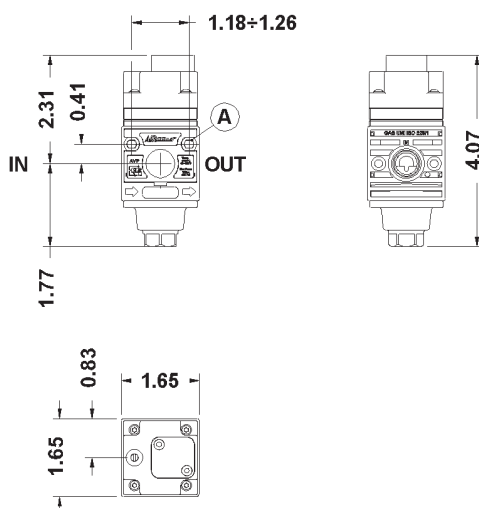
AIR PREPARATION

VALVES

WATER PREPARATION



(A) FIXING HOLES $\varnothing 0.18$



GENERAL FEATURES

The job of the slow-start valve is to gradually pressurize the pneumatic system upon switching it on.

The gradual pressurization takes place until about 60% of the supply pressure is reached.

The pressurization time can be adjusted through the speed controller positioned in the upper part of the body.

Application: it can be singularly used, or, more commonly, assembled with the shut-off valve. The AVP avoids any dangerous pressure surge, that may be caused by quickly supplying the system to the working pressure.

GENERAL TECHNICAL DATA

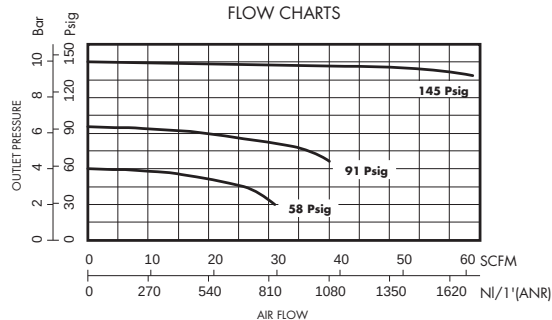
INLET-OUTLET connections	1/4" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	45 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	55.4 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 in lb
Weight	0.30 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.27.00001	AVP 1/4" 042 PN Autonom.

FLOW CHARTS



GUIDE TO REFERENCES

AVP 1/4" 042 PN

Product

AVP = Slow-start valve

Functioning

PN = Pneumatic

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

Line

042

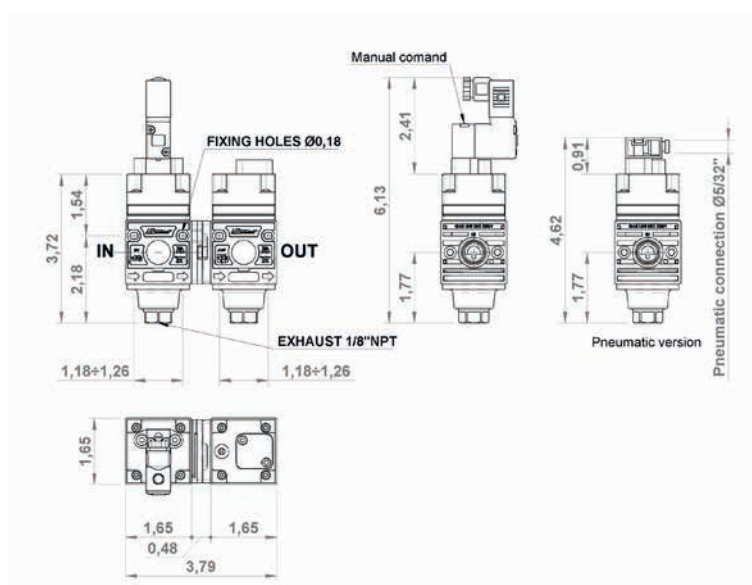
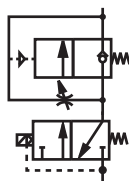
050

052

075

080

LINE 042 1/4" NPT | SHUT-OFF/SLOW START COMBINATIONS



GENERAL FEATURES

SVAV is a set consisting of shut-off valve (SV) and slow-start valve (AVP), assembled and equipped with electric or pneumatic control.

This complete unit, combines the functions of exhausting the pneumatic circuit and cutting-off air supply (SV) with the progressive pressurization provided by the slow-start valve (AVP). The valves are available with electric control in different voltages or with pneumatic control.

The proposed set is ready to be subsequently assembled with other Aircomp modules, or singularly mounted.

For further information about SV and AVP, please refer to the respective datasheets.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/4" NPT
Exhaust connection	1/8" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	45 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	55.4 SCFM
Exhaust flow rate (at 145 PSIG in open air)	35 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 in lb
Electric pilot	3/2 NC 15 mm (Microsol type)
Available voltage	24VDC (2,5W); 24VAC; 110VAC; 220VAC (3VA)
Pneumatic connection	push-in fitting D. 4mm (5/32")
SVAV E Weight	0.8 lb
SVAV P Weight	0.72 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR.ELECTRIC VERSION

CODE	REF.
X42.28.00001	SVAV 1/4 042 E 24V DC
X42.28.00002	SVAV 1/4 042 E 24V AC
X42.28.00003	SVAV 1/4 042 E 110V AC
X42.28.00004	SVAV 1/4 042 E 220V AC

ORDERING PART NR. PNEUMATIC VERSION

CODE	REF.
X42.28.00005	SVAV 1/4 042 P Ø4

GUIDE TO REFERENCES

SVAV 1/4" 042 E 24VDC

Product

SVAV = SV+AVP

Connection

1/4" = 1/4" NPT

Line

042

Special type

24VDC

24VAC

110VAC

220VAC

Version

E = Electric

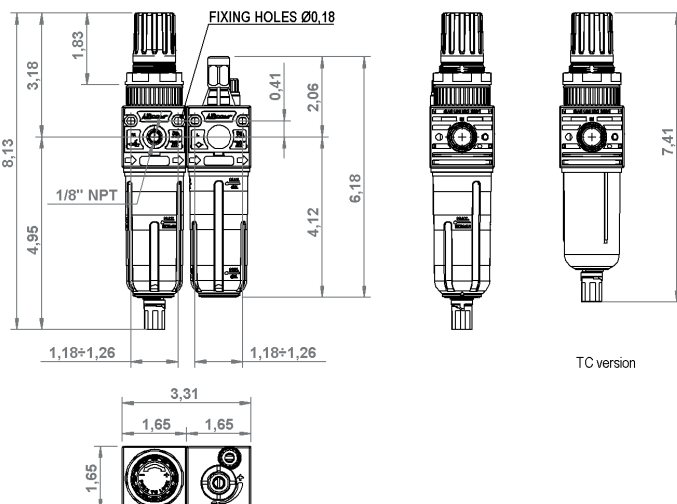
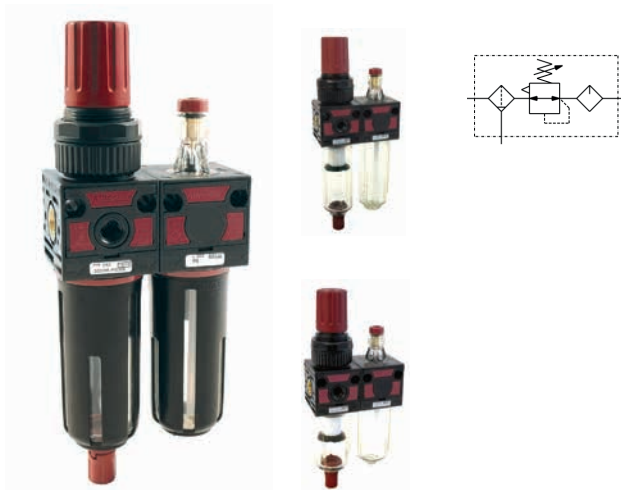
P = Pneumatic

LINE 042 1/4" NPT | FR+L UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Unit consisting of Filter regulator and Lubricator.

GENERAL TECHNICAL DATA

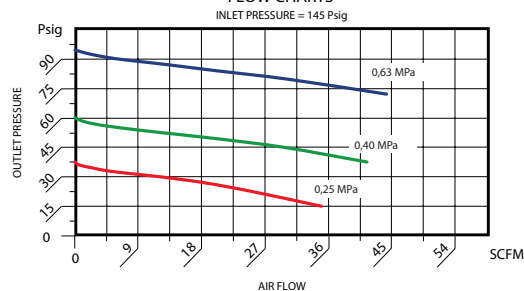
Pressure range	0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7 - 230 PSIG mod. SA: 21 - 145 PSIG mod. SAD: 29 - 175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	34.6 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	0.22 In lb
Weight	0.7 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.06.****	FR+L 1/4" 042 20 08 R TT SS
X42.06.00052	FR+L 1/4" 042 20 12 R TT SS
X42.06.00115	FR+L 1/4" 042 5 08 R TT SS
X42.06.00116	FR+L 1/4" 042 5 12 R TT SS
X42.06.00124	FR+L 1/4" 042 20 08 R TC SS
X42.06.00132	FR+L 1/4" 042 20 12 R TC SS
X42.06.00133	FR+L 1/4" 042 5 08 R TC SS
X42.06.00134	FR+L 1/4" 042 5 12 R TC SS
X42.06.00500	FR+L 1/4" 042 20 08 R TT SS VL
X42.06.00504	FR+L 1/4" 042 20 12 R TT SS VL
X42.06.00072	FR+L 1/4" 042 20 08 R PE SS
X42.06.00126	FR+L 1/4" 042 20 12 R PE SS
X42.06.00128	FR+L 1/4" 042 5 08 R PE SS
X42.06.00129	FR+L 1/4" 042 5 12 R PE SS
X42.06.00193	FR+L 1/4" 042 20 08 R PE SS VL
X42.06.00194	FR+L 1/4" 042 20 12 R PE SS VL
Float type automatic drain version.	
X42.06.00151	FR+L 1/4" 042 20 08 R TT SA
X42.06.00153	FR+L 1/4" 042 20 12 R TT SA
X42.06.00157	FR+L 1/4" 042 20 08 R PE SA
X42.06.00159	FR+L 1/4" 042 20 12 R PE SA
"Differential" automatic drain version.	
X42.06.00191	FR+L 1/4" 042 20 08 R TT SAD
X42.06.00192	FR+L 1/4" 042 20 12 R TT SAD
X42.06.00501	FR+L 1/4" 042 20 08 R PE SAD
X42.06.00505	FR+L 1/4" 042 20 12 R PE SAD

FLOW CHARTS



GUIDE TO REFERENCES

FR+L 1/4" 042 20 08 R PE SS

Product

FR+L = Filter regulator + Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 70 PSIG
12 = 0 - 175 PSIG

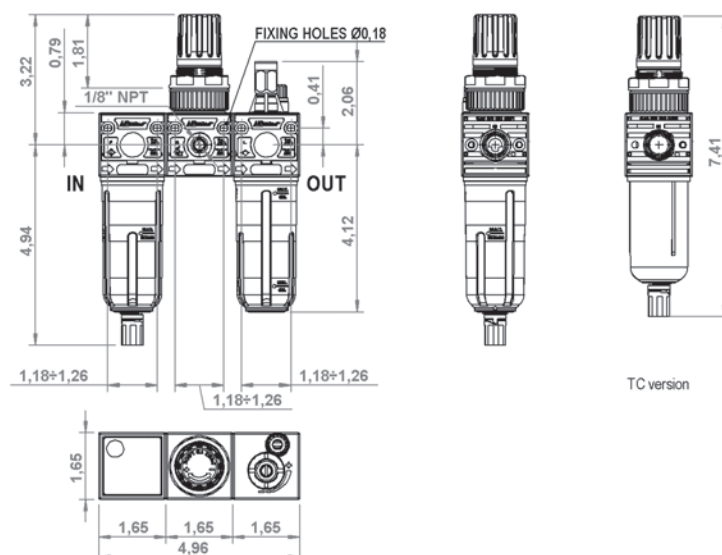
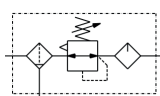


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the the 6th digit of the part nr. for example:

X42.06.M0072 FR+L 1/4" 042 20 08R PE SS + GAUGE

LINE 042 1/4" NPT | F+R+L UNITS



GENERAL FEATURES

Unit consisting of Filter + Regulator + Lubricator.
It combines the functions of filtration, pressure regulation and lubrication of compressed air for industrial applications.
Set delivering big flow rate and regulation sensitivity, filtration with high condensate separation.
It is equipped with semiautomatic drain as standard (SS).

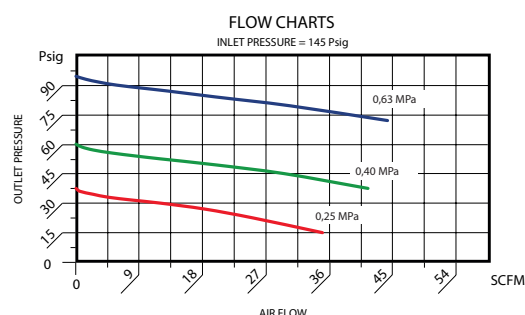
GENERAL TECHNICAL DATA

Pressure range	0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7 - 230 PSIG mod. SA: 21 - 145 PSIG mod. SAD: 29 - 175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	34.6 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque 1/4" IN-OUT	221 In lb
Max torque gauge port	0.22 In lb
Weight	0.76 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.05.****	F+R+L 1/4" 042 20 08 R TT SS
X42.05.00103	F+R+L 1/4" 042 20 12 R TT SS
X42.05.00105	F+R+L 1/4" 042 5 08 R TT SS
X42.05.00170	F+R+L 1/4" 042 20 08 R TC SS
X42.05.00172	F+R+L 1/4" 042 5 08 R TC SS
X42.05.00500	F+R+L 1/4" 042 20 08 R TT SS VL
X42.05.00504	F+R+L 1/4" 042 20 12 R TT SS VL
X42.05.00118	F+R+L 1/4" 042 20 08 R PE SS
X42.05.00114	F+R+L 1/4" 042 20 12 R PE SS
X42.05.00116	F+R+L 1/4" 042 5 08 R PE SS
X42.05.00117	F+R+L 1/4" 042 5 12 R PE SS
X42.05.00501	F+R+L 1/4" 042 20 08 R PE SS VL
Float type automatic drain version.	
X42.05.00151	F+R+L 1/4" 042 20 08 R TT SA
X42.05.00157	F+R+L 1/4" 042 20 08 R PE SA
"Differential" automatic drain version.	
X42.05.00166	F+R+L 1/4" 042 20 08 R TT SAD
X42.05.00168	F+R+L 1/4" 042 20 08 R PE SAD



GUIDE TO REFERENCES

F+R+L 1/4" 042 20 08 R PE SS

Product	Filter + F+R+L = Regulator + Lubricator	Condensate Drain	SS = Semiautomatic (standard) SA = Automatic float type SAD = Automatic differential S18 = Open seat 1/8 F
Connection	1/4" = 1/4" NPT 3/8" = 3/8" NPT 1/2" = 1/2" NPT 3/4" = 3/4" NPT 1" = 1" NPT	Tazza	TT = Transparent (Line 042 only) TC = Short transparent (Line 042 only) PE = With outer guard
Line	042 050 052 075 080 095	Version	R = Relieving
Filtering element	5 = 5 micron 20 = 20 micron	Range of pressure	04 = 0 - 60 PSIG 08 = 0 - 120 PSIG 12 = 0 - 175 PSIG

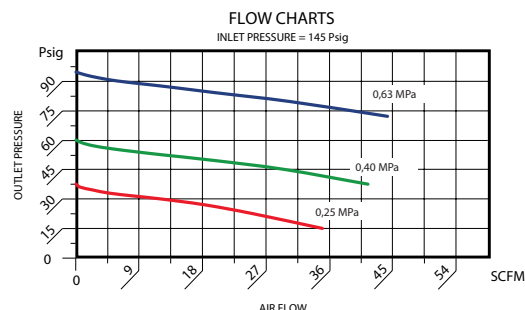
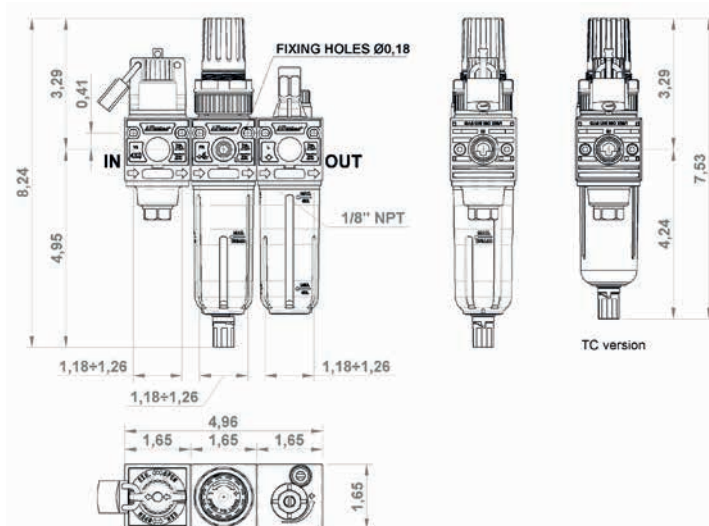
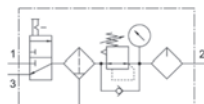


**WOULD YOU LIKE TO ORDER
THE REGULATOR COMPLETE WITH GAUGE?**

Replace 0 with "M" the the 6th digit of the part nr. for example:

X42.05.M0118 F+R+L 1/4" 042 20 08R PE SS + GAUGE

LINE 042 1/4" | V3 + FR + L UNITS



GENERAL FEATURES

Unit consisting of 3-way Valve (V3) + Filter regulator (FR) + Lubricator (L).

It combines the function of shutting-off the system along with the filtration, pressure regulation and lubrication of compressed air for industrial applications.

Lockable V3 valve for greater safety during maintenance operations.

It is equipped with semiautomatic drain as standard (SS).

GENERAL TECHNICAL DATA

Pressure range	0-60, 0-120, 0-175 PSIG
Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7 - 230 PSIG mod. SA: 21 - 145 PSIG mod. SAD: 29 - 175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	34.6 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Max Torque G1/4" IN-OUT	221 In lb
Max torque gauge port	0.22 In lb
Weight	1.03 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.36.****	V3+FR+L 1/4" 042 20 08 R TT SS
X42.36.00115	V3+FR+L 1/4" 042 5 08 R TT SS
X42.36.00130	V3+FR+L 1/4" 042 20 08 R TC SS
X42.36.00132	V3+FR+L 1/4" 042 5 08 R TC SS
X42.36.00500	V3+FR+L 1/4" 042 20 08 R TT SS VL
X42.36.00072	V3+FR+L 1/4" 042 20 08 R PE SS
X42.36.00126	V3+FR+L 1/4" 042 20 12 R PE SS
X42.36.00128	V3+FR+L 1/4" 042 5 08 R PE SS
X42.36.00501	V3+FR+L 1/4" 042 20 08 R PE SS VL
Float type automatic drain version.	
X42.36.00151	V3+FR+L 1/4" 042 20 08 R TT SA
X42.36.00153	V3+FR+L 1/4" 042 20 12 R TT SA
X42.36.00157	V3+FR+L 1/4" 042 20 08 R PE SA
"Differential" automatic drain version.	
X42.36.00191	V3+FR+L 1/4" 042 20 08 R TT SAD
X42.36.00193	V3+FR+L 1/4" 042 20 08 R PE SAD

GUIDE TO REFERENCES

V3+FR+L 1/4" 042 20 08 R PE SS

Product

V3+FR+L = V3 + Filter
regulator +
Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic
(standard)
SA = Automatic
float type
SAD = Automatic
differential
S18 = Open seat
1/8 F

Tazza

TT = Transparent (Line
042 only)
TC = Short transparent
(Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG

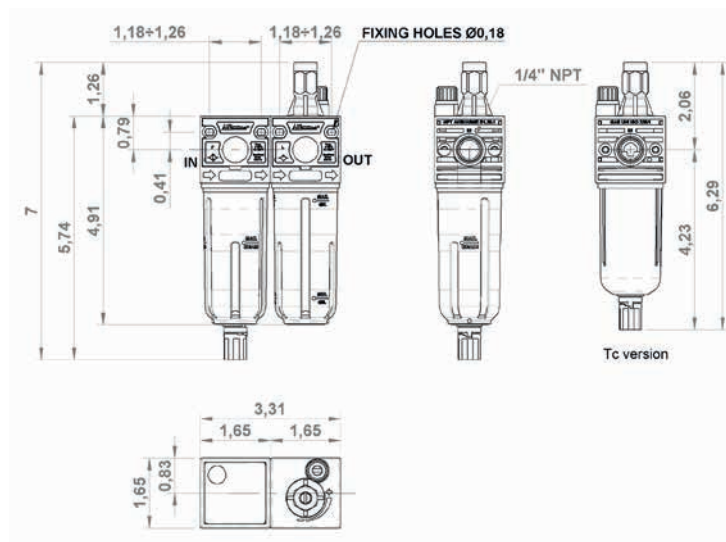
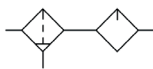


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the 6th digit of the part nr. for example:

X42.36.M0072 V3+FR+L 1/4" 042 20 08R PE SS + GAUGE

LINE 042 1/4" NPT | F + L UNITS



GENERAL FEATURES

Unit consisting of Filter and Lubricator.

It combines the functions of filtration and lubrication of compressed air for industrial applications.

Proportional oil mist lubricator ensuring a constant oil delivery over time.

Bowl made from hardened polyamide available in following configurations:

TT = transparent; PE = outer guard; TC= short transparent.

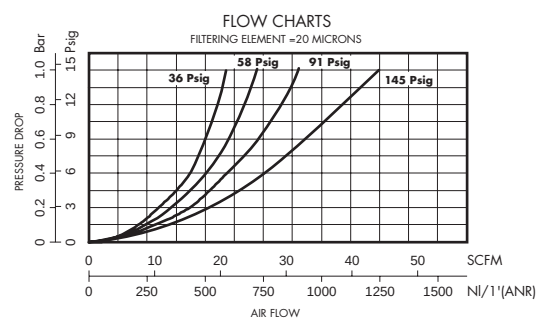
GENERAL TECHNICAL DATA

Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7-230 PSIG mod. SA: 22-145 PSIG mod. SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1=145 PSIG ΔP= 14.5 PSIG)	44 SCFM
Working temperature (at 145 PSIG)	23 - 122°F
Max Torque 1/4" IN-OUT	221 In lb
Recommended oil viscosity	ISO VG32
Weight	0.45 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.07.*****	F+L 1/4" 042 20 TT SS
X42.07.00132	F+L 1/4" 042 20 TC SS
X42.07.00500	F+L 1/4" 042 20 TT SS VL
X42.07.00072	F+L 1/4" 042 20 PE SS
Float type automatic drain version.	
X42.07.00151	F+L 1/4" 042 20 TT SA
X42.07.00153	F+L 1/4" 042 20 PE SA
"Differential" automatic drain version.	
X42.07.00128	F+L 1/4" 042 20 TT SAD
X42.07.00129	F+L 1/4" 042 5 TT SAD
X42.07.00130	F+L 1/4" 042 20 PE SAD
X42.07.00131	F+L 1/4" 042 5 PE SAD



GUIDE TO REFERENCES

F + L 1/4" 042 20 PE SS

Product

F+L = Filter + Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

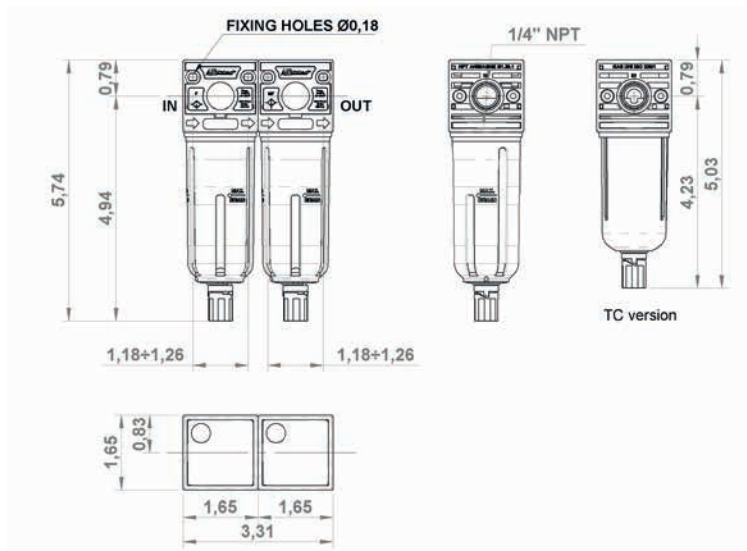
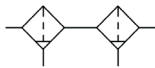
5 = 5 micron
20 = 20 micron

LINE 042 1/4" NPT | F + MF UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Filtration set combining Filter with high condensate separation and coalescing Microfilter.

The job of the Filter is filtering solid particles and condensate separation. The job of the coalescing Microfilter is to remove oil. It is equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide available in following configurations:

TT = transparent; PE = outer guard; TC= short transparent.

GENERAL TECHNICAL DATA

Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7.25-230 PSIG mod. SA: 21-145 PSIG mod. SAD: 29-175 PSIG
Filtering degree Filter	5 micron
Filtering degree Microfilter	0,01 micron
Recommended max flow rate (P1=145 PSIG ΔP= 14.5 PSIG)	7 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Bowl capacity	TT = 22cc; PE = 22cc; TC = 15cc
Max Torque 1/4" IN-OUT	221 In lb
Weight	0.48 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.09.00001	F 1/4" 042 5 TT SS+MF 1/4" 0,01 TT SS
X42.09.00003	F 1/4" 042 5 PE SS+MF 1/4" 0,01 PE SS
X42.09.00005	F 1/4" 042 5 TC SS+MF 1/4" 0,01 TC SS
Float type automatic drain version.	
X42.09.00002	F 1/4" 042 5 TT SS+MF 1/4" 0,01 TT SA
X42.09.00004	F 1/4" 042 5 PE SS+MF 1/4" 0,01 PE SA
"Differential" automatic drain version.	
X42.09.00008	F 1/4" 042 5 TT SS+MF 1/4" 0,01 TT SAD
X42.09.00006	F 1/4" 042 5 PE SS+MF 1/4" 0,01 PE SAD

GUIDE TO REFERENCES

F 1/4" 042 5 PE SS +
MF 1/4" 042 0,01 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

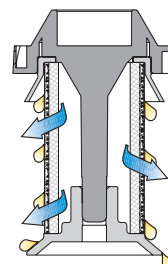
Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron

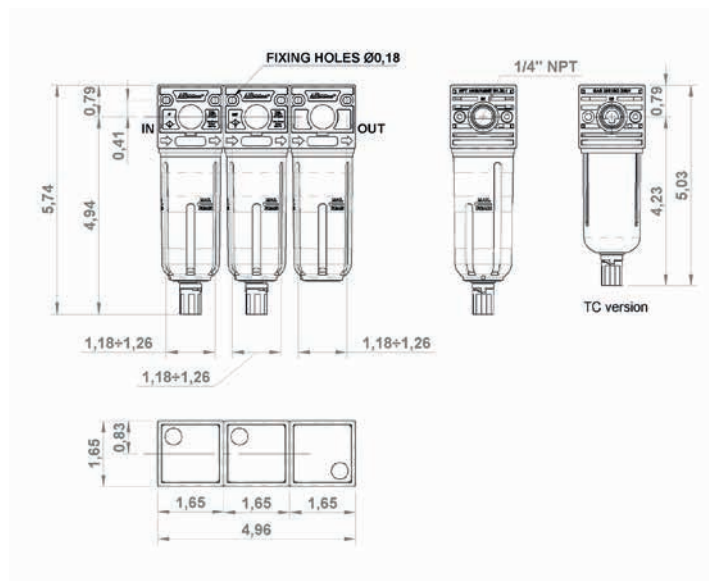
COALESCENT CARTRIDGE

FUNCTIONING

The air with impurity enter into the special high efficiency cartridge, which stops solid particles, captures and joins outside the oil particles (coalescing effect), so that they can easily fall to the bottom of the bowl and be drained outside. In doing so, the filtered air will be free from solid impurities and liquid particles.



LINE 042 1/4" NPT | F + MF + CF UNITS



GENERAL FEATURES

Filtration set combining Filter with high condensate separation, coalescing Microfilter and activated carbon Filter.

The job of the unit is to filter solid particles and separate condensate with the Filter along with the coalescing function of the Microfilter, besides removing unpleasant smells in the air circuit aimed at the industrial sector by means of the activated carbon. It is equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide available in following configurations:

TT = transparent; PE = outer guard; TC= short transparent.

GENERAL TECHNICAL DATA

Maximum inlet pressure	230 PSIG
Drain working pressure	mod. SS: 7-230 PSIG mod. SA: 21-145 PSIG mod. SAD: 29-175 PSIG
Filtering degree Filter	5 micron
Filtering degree Microfilter	0,01 micron
Activated carbon cartridge CF	
Recommended max flow rate (P1=145 PSIG ΔP= 14.5 PSIG)	7 SCFM
Working temperature (at 145 PSIG)	23 -122°F
Bowl capacity	TT = 22cc; PE = 22cc; TC = 15cc
Max Torque 1/4" IN-OUT	221 in lb
Weight	0.73 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X42.08.00001	F 5 TT SS+MF 0,01 TTSS+CF TT 1/4 042
X42.08.00002	F 5 TT SS+MF 0,01 TTSA+CF TT 1/4 042
X42.08.00003	F 5 TT SS+MF 0,01 PESS+CF PE 1/4 042
X42.08.00004	F 5 TT SS+MF 0,01PESA+CF PE 1/4 042

GUIDE TO REFERENCES

F 1/4" 042 5 PE SS +
MF 1/4" 042 0,01 PE SS +
CF 1/4" 042 CA PE

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

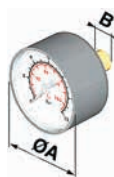
TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

LINE 042 1/4" NPT | ACCESSORIES

GAUGE



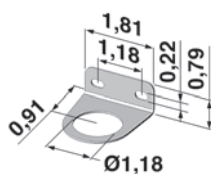
CODE	BAR	PSIG	A	B	CH.
A38.00.00104	0-14	0-200	1.57	1/8" NPT	0.55

PLUG G1/8"



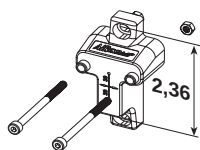
CODE	CONNECTION
B38.00.00018	1/8"

BRACKET



CODE	PRODUCT
C38.00.00069	MR-R-FR

"T" BRACKET KIT



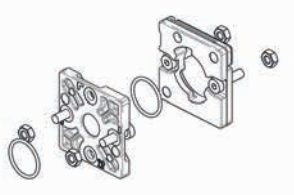
CODE	PRODUCT
C42.05.00001	ALL

KIT ASSEMBLING UNITS



CODE	PRODUCT
C40.06.00001	FR+L

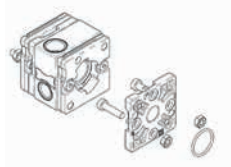
SLIM KIT FOR BATTERY ASSEMBLING



CODE	PRODUCT
C42.06.00007	ALL

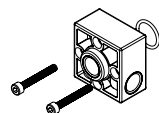
LINE 042 1/4" NPT | ACCESSORIES

BATTERY AIR TAKE-OFF



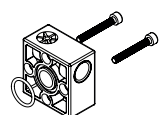
CODE	CONNECTION	PRODUCT
C42.05.00020	1/4" - 1/8"	ALL

INLET AIR TAKE-OFF



CODE	CONNECTION	PRODUCT
C42.06.00004	1/4" NPT - 1/4" NPT	ALL

OUTLET AIR TAKE-OFF



CODE	CONNECTION	PRODUCT
C42.06.00005	1/4" NPT - 1/4" NPT	ALL

AUTOMATIC DRAIN



CODE	PROD.
C40.02.00130 SA	F - FR - MF
C42.02.00012 SAD	F - FR - MF

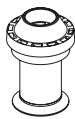
MOUNTING KIT FOR AUTOMATIC DRAIN



CODE	PROD.
C40.02.00131	SA - SAD

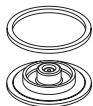
LINE 042 1/4" NPT | SPARE PARTS

FILTERING ELEMENT



CODE	PRODUCT	VERSION
C40.02.00101	F	20 MICRON
C42.04.00001	FR	20 MICRON
C40.02.00106	F	5 MICRON
C42.04.00005	FR	5 MICRON
C40.02.00053	MF	0,01 MICRON
A42.02.00009	CF	CARBON

DIAPHRAGM KIT



CODE	PRODUCT	VERSION
C39.00.00074	R - FR	RELIEVING
C39.00.00075	R - FR	NON RELIEVING
C39.00.00076	R - FR	FA-RM

REGULATION SPRING



CODE	PRODUCT	RANGE OF PRESSURE
A38.00.00131	F - FR - MF	0-60 PSIG
A38.00.00130	F - FR - MF	0-120 PSIG
A38.00.00128	F - FR - MF	0-175 PSIG

BOWL FOR FILTER



CODE	PRODUCT	VERSION
C40.02.00062	F - FR - MF	TT SS
C40.02.00108	F - FR - MF	PE SS
C40.02.00036	F - FR - MF	TC SS

BOWL WITH AUTOMATIC DRAIN



CODE	PRODUCT	VERSION
C40.02.00133	F - FR - MF	TT SA
C40.02.00134	F - FR - MF	PE SA
C42.02.00017	F - FR - MF	TC SAD
C42.02.00014	F - FR - MF	PE SAD

BOWL FOR LUBRICATOR



CODE	PRODUCT	VERSION
C40.03.00082	L	TT
C40.03.00084	L	PE
C40.03.01016	VL	TT
C40.03.01017	VL	PE
C40.03.00047	L	TC

OIL WINDOW



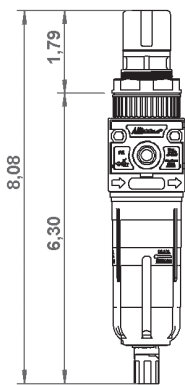
CODE	PRODUCT
C42.03.00005	L

OIL PLUG

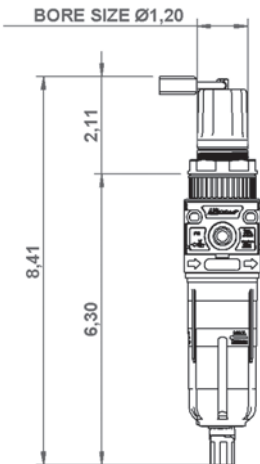


CODE	PRODUCT
C75.03.00073	L

LINE 042 1/4" NPT | SPECIAL VERSIONS



Tamper proof version



Lockable Version

PRESET FR

- * Regulators and Filter regulator Line 042 can be supplied fixed preset at the pressure value required by the customer.
- * This version allows purchasing a regulator featuring an outlet pressure preset at a fixed value, equipped with a tamper-proof knob rather than the normal regulation knob.
- * The preset pressure value cannot be changed. In order to modify the outlet pressure value, it is necessary to break the tamper-proof knob.
- * For further information concerning the tolerances on the outlet pressure, please contact our Sales Dept.

GUIDE TO REFERENCES

FR 1/4" 042 T 10 R PE SS

Product

R = Regulation

FR = Filter Regulator

Special type

1/4" = 1/4" NPT

Line

042

Version

R = Relieving (for air)

A = Non relieving (for water)

Pre-set Pressure

10 = 145 PSIG

Special type

T = Pre-set version

LOCKABLE FR

- * Regulator and Filter regulator Line 042 are available in the version with lock.
- * This regulator version allows adjusting the required pressure and fix it, preventing accidental setting changes.
- * The regulator is equipped with padlock and two keys.
- * For further technical features, please refer to the respective Line or contact our offices.

GUIDE TO REFERENCES

FR 1/4" 042 08 R PE SS LK

Product

R = Regulation

FR = Filter Regulator

Special type

1/4" = 1/4" NPT

Line

042

Drain

LK = With lock

Version

R = Relieving (for air)

A = Non relieving (for water)

Pressure range

04 = 0-60 PSIG

08 = 0-120 PSIG

12 = 0-175 PSIG

LINE 050 3/8" NPT | MODULAR UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

This Line consists of traditional units and complementary modules for enabling the configuration of battery sets integrated with several functions.

The complementary modules are:

V3 manual shut-off valve, lockable

SV electric or pneumatic shut-off valve

AVP slow-start valve

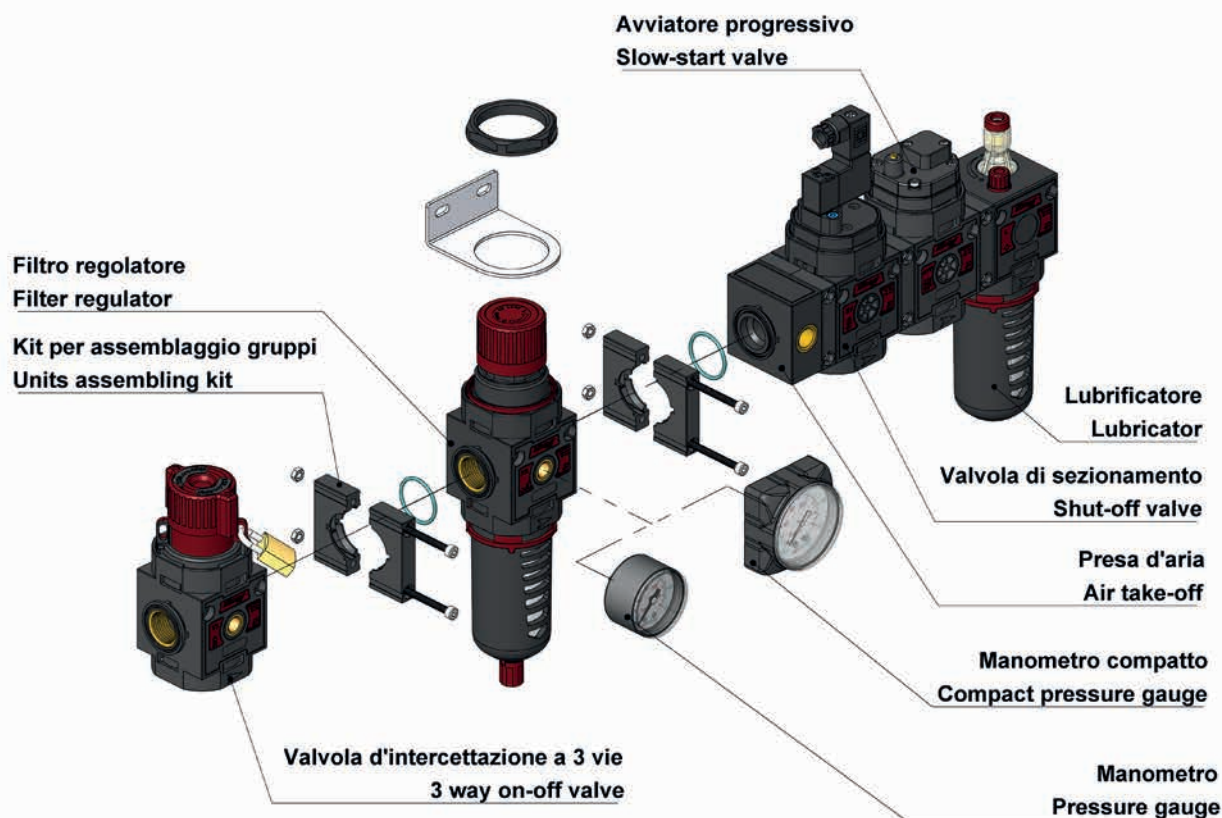
MF coalescing microfilter 0,01 micron

CF activated carbon filter

PA additional air inlet: intermediate, inlet; outlet

GENERAL TECHNICAL DATA

Fluid	compressed air
Working temperature (at 145 PSIG):	23-122° F
Connections IN-OUT	3/8" NPT
Assembling type	Assembling kit
Mounting position	see singol components
Wall fixing	through holes on the body or brackets
Version with lock	standard on V3
Preset tamper-proof version	R and FR upon request



LINE 050 3/8" NPT | MODULAR UNITS

CONDENSATE DRAIN

The condensate building up within the pneumatic systems is often causing malfunctioning and expensive extraordinary maintenance. Therefore, it is of utmost importance providing a good separation operated by the filter and an effective drainage to the outside, in order to avoid an excessive piling up. Aircomp offers the opportunity to equip the filters with different types of condensate drain according to the system requirements.

SEMI-AUTOMATIC DRAIN (SS)



Semiautomatic drain is supplied as standard on all Aircomp Lines.

The standard ^{5/32"} drain closes when the bowl is pressurized (min. P 7 PSIG) and opens discharging the condensate whenever the unit is depressurized.

The drain can be manually set to always "closed" modality (closed both when the bowl is pressurized and depressurized).

FLOAT TYPE AUTOMATIC DRAIN (SA)



Float type automatic drain opens even when the bowl is pressurized upon reaching a set condensate level. The excess condensate is discharged to the outside and can be conveyed connecting a drainage hose to the duct.

DIFFERENTIAL AUTOMATIC DRAIN (SAD)



Differential automatic drain opens even when the bowl is pressurized but only when there is air consumption (min. delta P = 3 PSIG) and upon reaching a set condensate level. The excess condensate is discharged to the outside. It is possible to connect a drainage hose to the duct.

OPEN 1/8" CONNECTION (S18)



The seat with female thread 1/8", available upon request, allows the connection to alternative remote open/close systems, such as exhaust solenoid valves.

It is available also with locking pin with "manual drain" function.

All Aircomp air preparation units can be directly wall mounted through the holes prearranged on the body. As to Regulators and Filter Regulators, the option of the standard bracket to be used with the fixing nut is available.

The need to have a greater distance between the unit and the wall can be fulfilled by our «T» BRACKET KIT (Art. C50.06.00006), that can be assembled on any main unit.

Please find more details hereunder:



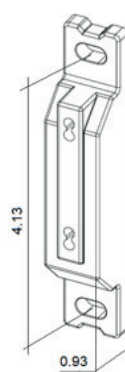
The T bracket must be mounted using the assembling kit art. C50.06.00001



In this way, it will be possible to space out units of 2 or more components.



The screws included in the bracket kit allow mounting the bracket and close the 2 parts of the assembling kit.



⚠ WARNING!

These products are intended for use in industrial systems only.

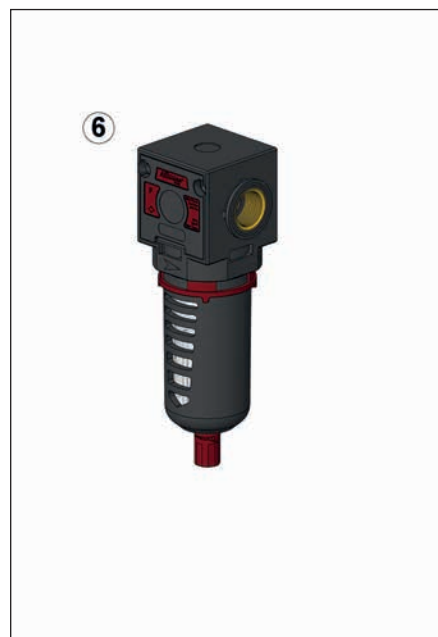
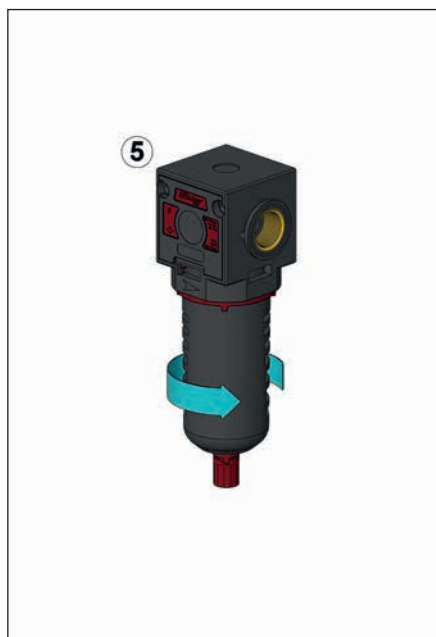
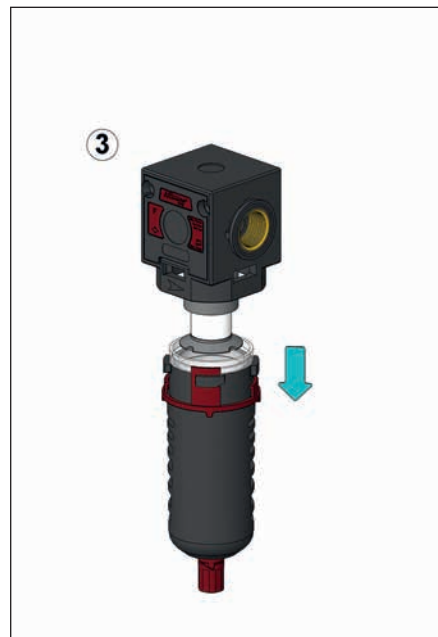
Do not use these products where pressures and temperatures can exceed those listed under catalogue specifications. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specification, consult STAMPOTECNICA.

LINE 050 3/8" NPT | MODULAR UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



BOWL SAFETY RING

Bowls of Line 050, 052, 075, 080 and 095 are designed for a clip-on mounting, which enables the quick assembling and disassembling. All the bowl are equipped with a particular safety ring in order to prevent the accidental disassembly when the unit is pressurized.

For disassembling the bowl, it is actually necessary carrying out three movements in a sequence:

1. Lifting the safety ring Pic. 1
2. Turning the bowl clockwise Pic. 2
3. Lowering the bowl Pic. 3

It is not possible to disassemble the bowl when the safety ring is lowered.

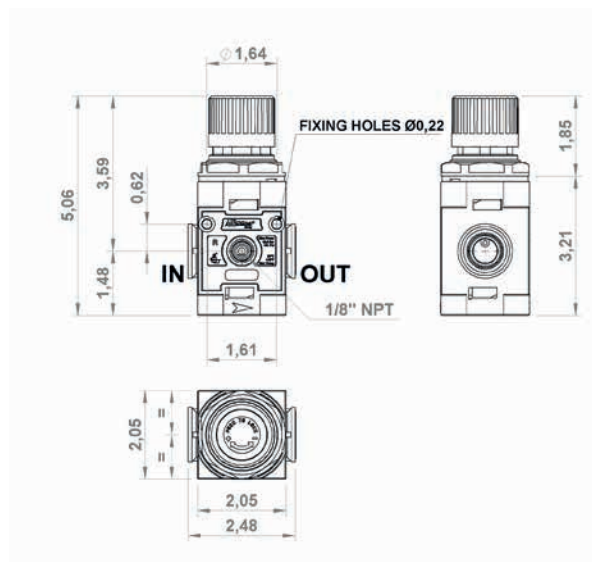
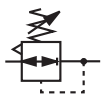
Movements 1. and 2., to be executed in a sequence, increase the operator's attention on the intervention he is carrying out.



Attention: the disassembling of the bowl must always be executed when the unit is depressurized.

1. The bowl reassembling can be easily executed following these steps:
2. Check that the safety ring is in its correct position (on the clamping tooth) as in Pic. 4
3. Fit the bowl into the body seat and lock it turning anticlockwise Pic. 5
4. Make sure that the safety ring is brought back to the correct position Pic. 6

LINE 050 3/8" NPT | MODULAR REGULATORS



GENERAL FEATURES

Modular regulator with balanced valve which ensures big flow rate and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with pressure locking device.

Equipped with nut and nr. plug.

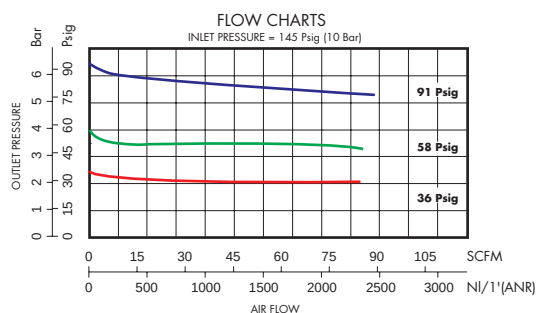
GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	74 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Max torque gauge port	88 In lb
Weight	0.72 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.11.00004	R 3/8" 050 04 R
X50.11.*****	R 3/8" 050 08 R
X50.11.00001	R 3/8" 050 12 R



GUIDE TO REFERENCES

R 1/4" 042 08 R LK

Product
R = Regulator

Special type
LK = Lockable

Connection
1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Version
 = Standard
B = For battery

Version
R = Relieving

Line

042
050
052
075
080
095

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG



WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the 6th digit of the part nr. for example:

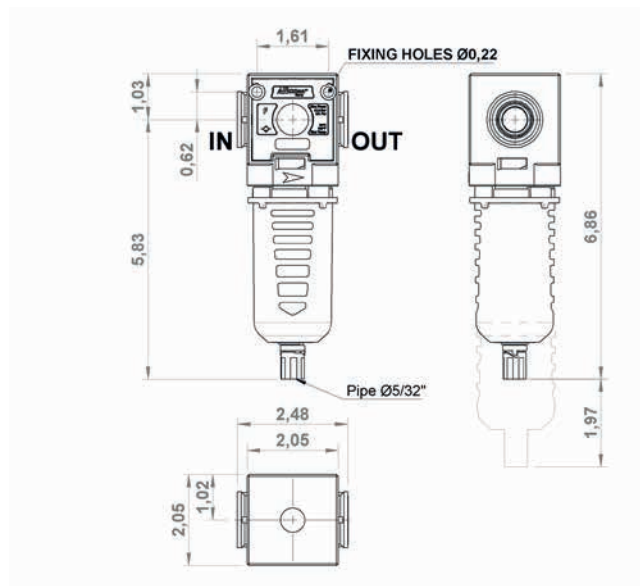
X50.11.**M**0004 R3/8" 050 04R + **GAUGE**

LINE 050 3/8" NPT | MODULAR FILTERS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Modular filter delivering high degree of condensate separation and low load loss.

It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS).

Available options: float type automatic drain (SA) and differential (SAD), which can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide with outer guard.

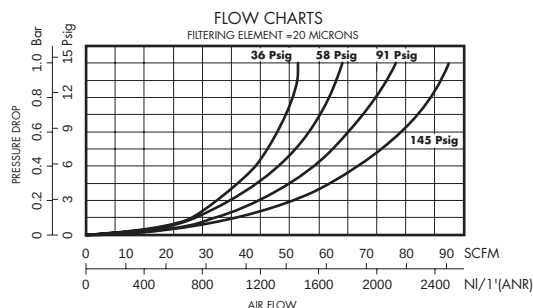
GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1=145 PSIG ΔP= 14.5 PSIG)	88.3 SCFM
Working temperature (at 145 PSIG)	23-122° F
Bowl capacity	1.4 Oz
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.5 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.12.00025	F 3/8" 050 20 PE SS
X50.12.00028	F 3/8" 050 5 PE SS
Float type automatic drain version.	
X50.12.00053	F 3/8" 050 20 PE SA
X50.12.00054	F 3/8" 050 5 PE SA
"Differential" automatic drain version.	
X50.12.00070	F 3/8" 050 20 PE SAD
X50.12.00071	F 3/8" 050 5 PE SAD



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

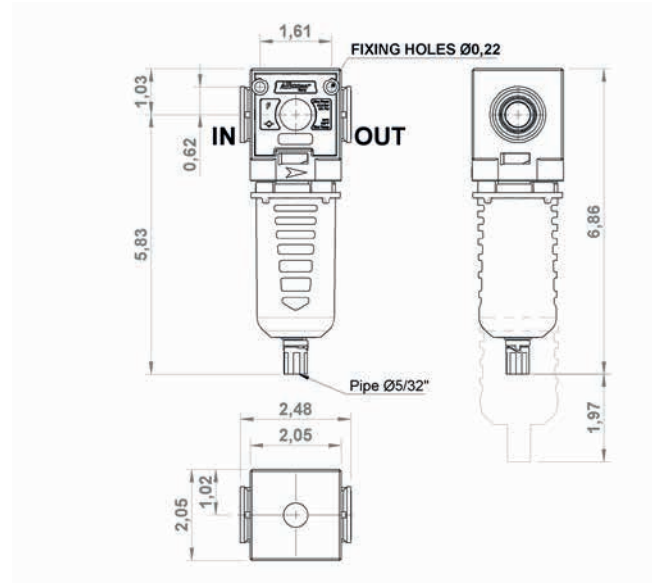
5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

LINE 050 3/8" NPT | COALESCING MICROFILTERS (OIL REMOVER)

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Modular filter with coalescing cartridge made from glass borosilicate fiber providing high filtering efficiency (99,97% on 0,01 micron particles).

It is recommended to install a 5 micron filter upstream in order to allow a longer life of the coalescing cartridge.

Application: it is suitable for removing oil remnants in pneumatic circuits.

It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS). Bowl made from hardened polyamide with outer guard.

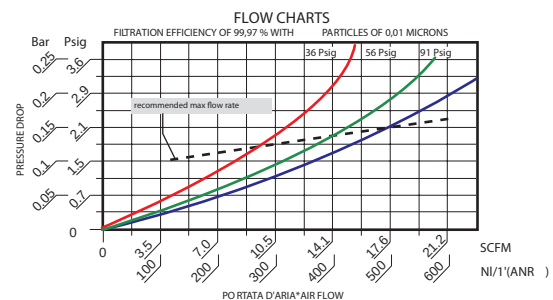
GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	0,01 micron
Recommended max flow rate (91 PSIG)	17.5 SCFM
Working temperature (at 145 PSIG)	23-122° F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.5 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.12.00010	MF 3/8" 050 0,01 PE SS
Float type automatic drain version.	
X50.12.00060	MF 3/8" 050 0,01 PE SA
"Differential" automatic drain version.	
X50.12.00072	MF 3/8" 050 0,01 PE SAD



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

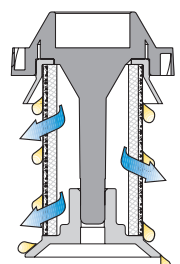
Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

COALESCENT CARTRIDGE

FUNCTIONING

The air with impurity enter into the special cartridge with high efficiency, that stop solid particles, capture and join outside particles of oil and condensate (coalescent effect). In this way, they easily fall down at the bottom of the bowl, where condensate is discharged. Filtered air obtained is without solid and liquid parts.

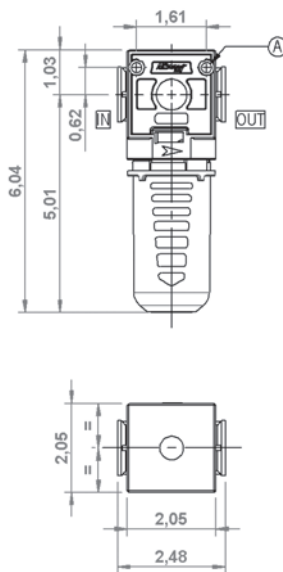


LINE 050 3/8" NPT | CARBON FILTERS

AIR PREPARATION

VALVES

WATER PREPARATION



Ⓐ FIXING HOLES Ø0,22

GENERAL FEATURES

Aircomp activated carbon filter exploits the absorption properties of activated carbon in order to increase air purity and eliminate unpleasant smell in the air aimed at the industrial sector. The activated carbon filter, in order to guarantee its performance, needs to be associated with a coalescing filter, that should be preceded by a 5 Micron filter (F+MF+CF). It can be wall mounted through the holes prearranged on the body. Closed bowl (without drain) made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

Fluid	compressed air
INLET-OUTLET connections	3/8" NPT
Maximum inlet pressure	180 PSIG
Filtering cartridge	activated carbon
Life of cartridge	Replacement against pressure drop higher than 10 PSIG. Anyhow, do not exceed 2,000 working hours. Saturation of activated carbon may not cause pressure drop.
Reference flow rate	see the flow chart
Working temperature (at 145 PSIG)	23 - 122°F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.5 lb

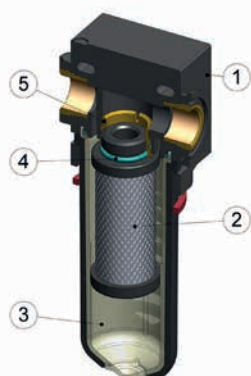
Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

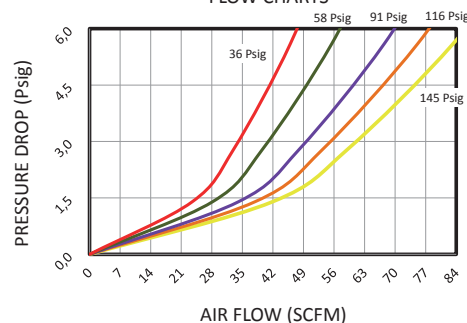
CODE	REF.
X50.12.00.300	CF 050 3/8 CA PE

USED MATERIALS

1. **Body** - PA + BRASS
2. **Carbon filter cartridge**
3. **Bowl** - Toughened PA
4. **O-ring** - NBR
5. **Brass insert**



FLOW CHARTS



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

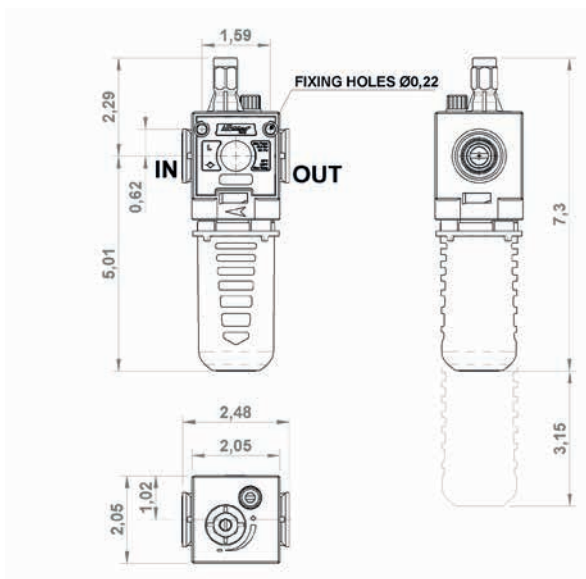
Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

LINE 050 3/8" NPT | LUBRICATORS



GENERAL FEATURES

Proportional oil mist lubricator allowing a constant oil delivery over time.

Oil suction even under low flow rate with high sensitivity in the lubricant adjustment.

Oil filling plug.

It can be wall mounted through the holes prearranged on the body.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Maximum inlet pressure	180 PSIG
Bowl capacity	2.3 Oz
Recommended oil viscosity	ISO VG32
Reference flow rate (P1=145 PSIG ΔP=14.5 PSIG)	70.6 SCFM
Working temperature (at 145 PSIG)	23-122°F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.51 lb

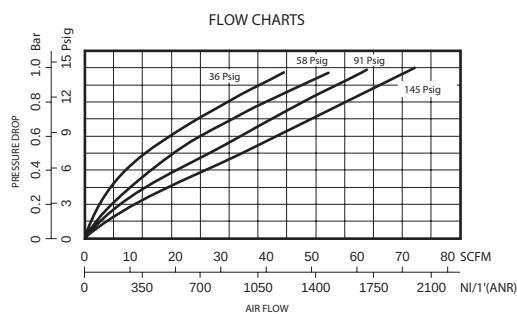
Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.13.00025	L 3/8" 050 PE

MINIMUM OPERATING FLOW RATE

INLET PRESSURE			MINIMUM AIR FLOW RATE		
Psig	MPa	Bar	dm³/s (ANR)	NI/1' (ANR)	SCFM
36	0,25	2,50	0,10	6	0.2
58	0,40	4,00	0,13	8	0.3
91	0,63	6,30	0,18	11	0.4



GUIDE TO REFERENCES

L 1/4" 042 PE

Product

L = Lubricator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Version

= Standard

VL = Vacuum filling

IL = Min Level indicator

IM = Max/Min Level indicator (Line 095 only)

Bowl

TT = Transparent (Line 042 only)

TC = Short transparent (Line 042 only)

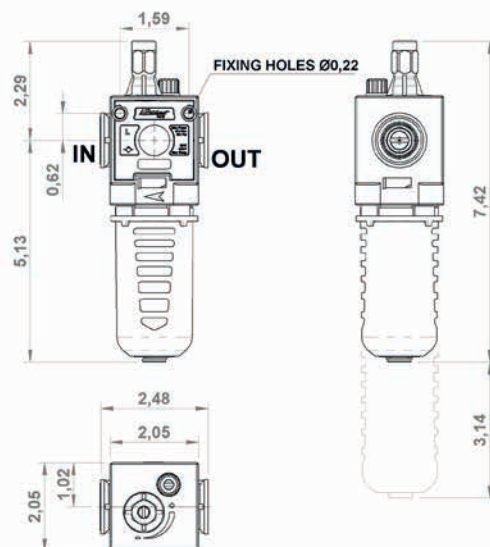
PE = With outer guard

LINE 050 3/8" NPT | LUBRICATORS WITH LEVEL INDICATOR

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Lubricator equipped with float type level indicator, emitting an electric signal able to control light indicators or acoustic alarms upon reaching the minimum level.

Oil suction even under low flow rate with high sensitivity in the lubricant adjustment.

It can be wall mounted through the holes prearranged on the body.

Closed bowl made from hardened polyamide, with outer guard.

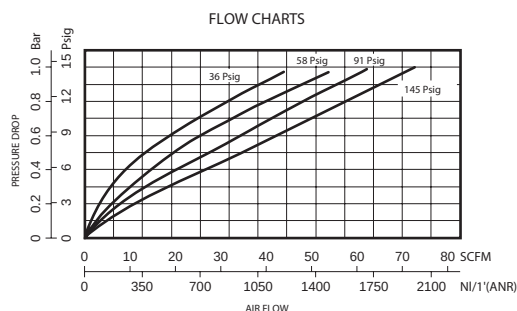
GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Maximum inlet pressure	101 PSIG
Maximum voltage	100 V AC
Electric contact	0,75 A 10W Protection IP 65
Bowl capacity	2.0 Oz
Recommended oil viscosity	ISO VG32
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	60 SCFM
Working temperature (at 101 PSIG)	23-122° F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.58 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.13.00036	L 3/8" 050 PE IL



GUIDE TO REFERENCES

L 1/4" 042 PE

Product

L = Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

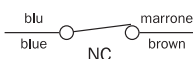
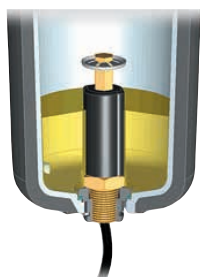
Version

= Standard
VL = Vacuum filling
IL = Min Level indicator
IM = Max/Min Level indicator (Line 095 only)

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

LEVEL INDICATOR



LINE 050 3/8" NPT | VL VACUUM FILLING LUBRICATORS



GENERAL FEATURES

Proportional oil mist lubricator with oil filling from an external tank without interrupting the operation of the system.
Oil suction even under low flow rate with high sensitivity in the lubricant adjustment.
It can be wall mounted through the holes prearranged on the body.
Closed bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Working pressure	min. 58 PSIG – max 181 PSIG
Bowl capacity	2.3 Oz
Recommended oil viscosity	ISO VG32
Reference flow rate (P1=145 PSIG ΔP=14.5 PSIG)	70.6 SCFM
Working temperature (at 145 PSIG)	23-122°F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.6 lb

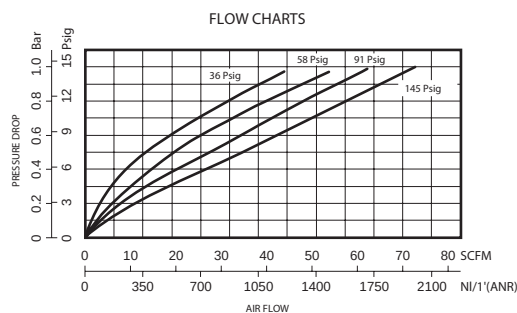
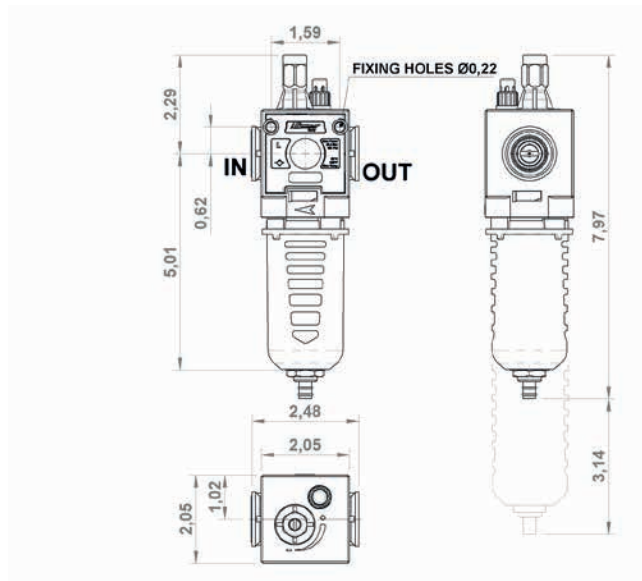
Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.13.00500	L 3/8" 050 PE VL

MINIMUM OPERATING FLOW RATE

INLET PRESSURE			MINIMUM AIR FLOW RATE		
Psig	MPa	Bar	dm³/s (ANR)	NI/T' (ANR)	SCFM
58	0,40	4,00	0,13	8	0.3
91	0,63	6,30	0,18	11	0.4



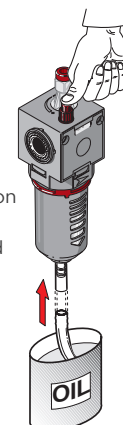
GUIDE TO REFERENCES

L 1/4" 042 PE

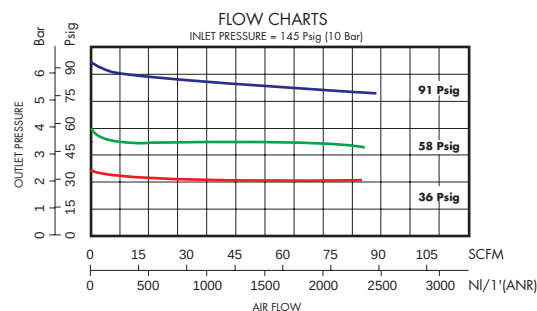
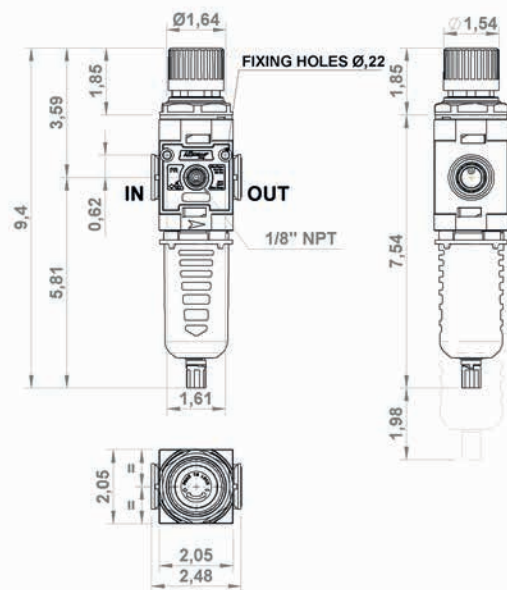
Product L = Lubricator	Version = Standard VL = Vacuum filling IL = Min Level indicator IM = Max/Min Level indicator (Line 095 only)
Connection 1/4" = 1/4" NPT 3/8" = 3/8" NPT 1/2" = 1/2" NPT 3/4" = 3/4" NPT 1" = 1" NPT	Bowl TT = Transparent (Line 042 only) TC = Short transparent (Line 042 only) PE = With outer guard
Line 042 050 052 075 080 095	

FUNCTIONING VL

The oil filling is achieved by pressing and holding the button at the base of the lubricator body.
The "Venturi" system causes a vacuum inside the bowl and the related oil intake.
The oil filling is stopped only upon releasing the button.
The oil level is visually checked during the filling.
Max. suction height : 5ft.



LINE 050 3/8" NPT | FILTER REGULATORS



GENERAL FEATURES

High performance modular filter regulator ensuring big flow rate and low load loss.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	21-145 PSIG 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	74 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Max torque gauge port	88 In lb
Bowl capacity	1.4 Oz
Weight	0.9 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.14.00025	FR 3/8" 050 20 08 R PE SS
X50.14.00001	FR 3/8" 050 20 12 R PE SS
X50.14.00038	FR 3/8" 050 5 08 R PE SS
X50.14.00039	FR 3/8" 050 5 12 R PE SS
Float type automatic drain version.	
X50.14.00057	FR 3/8" 050 20 08 R PE SA
X50.14.00060	FR 3/8" 050 5 08 R PE SA
"Differential" automatic drain version.	
X50.14.00070	FR 3/8" 050 20 08 R PE SAD
X50.14.00072	FR 3/8" 050 5 08 R PE SAD

GUIDE TO REFERENCES

FR 1/4" 042 20 08 R PE SS

Product

FR = Filter regulator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG

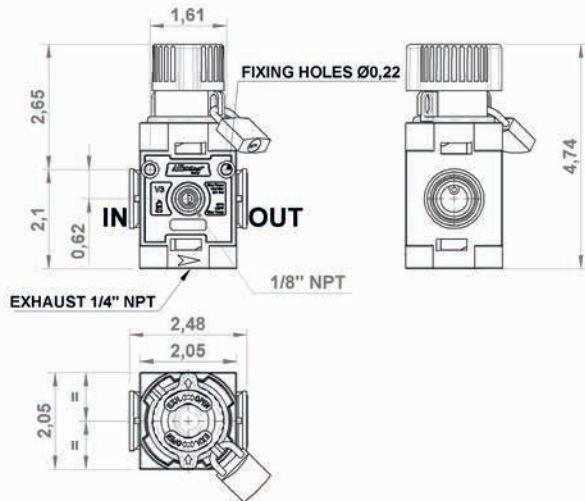
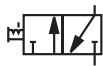


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the the 6th digit of the part nr. for example:

X50.14.M0025 FR3/8" 050 20 08R PE SS + GAUGE

LINE 050 3/8" NPT | 3 WAY VALVES WITH LOCK



GENERAL FEATURES

The job of this 3-way on-off valve is to shut off air supply and exhaust the pressure in the downstream circuit.
Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations with total safety, thus avoiding the system from being accidentally pressurized.
The valve is equipped with nr. 1 lock and nr. 2 keys.

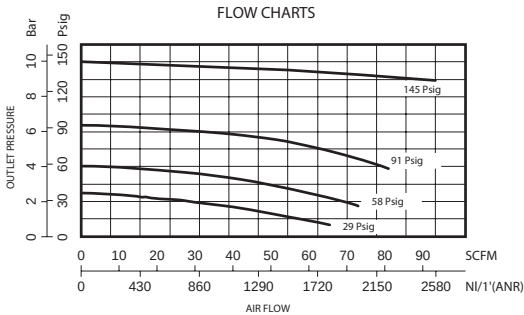
GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Exhaust connection	1/4" NPT
Maximum inlet pressure	180 PSIG
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	91 SCFM
Exhaust flow rate (at 145 PSIG in open air)	36 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.6 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

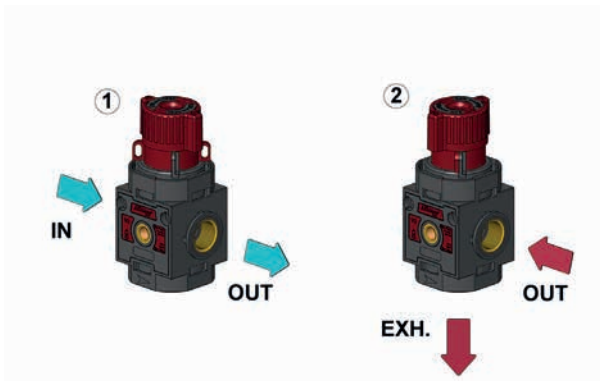
CODE	REF.
X50.25.00001	V 3/8" 050 V 3



GUIDE TO REFERENCES

V 1/4" 042 3V

Product	Functioning
V = 3 way Valve	3V = 3 Way
Connection	Line
1/4" = 1/4" NPT	042
3/8" = 3/8" NPT	050
1/2" = 1/2" NPT	052
3/4" = 3/4" NPT	075
	080



1. with OPEN VALVE

2. with CLOSED VALVE

IN and OUT are in communication for an open air flow

The inlet (IN) is closed while the outlet (OUT) is in communication with the exhaust.

LINE 050 3/8" NPT | ELECTRICAL SHUT-OFF VALVES 15MM

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

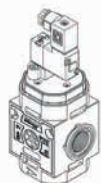
The job of the shut-off valve is to close the air supply and exhaust the pressure in the downstream circuit. The electrical model is often connected to ON-OFF switches or emergency mushrooms on the control console. Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations or for depressurizing circuit in any emergency situation.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Exhaust connection	1/4" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	43.5 PSIG
Reference flow rate (P1= 145 PSIG ΔP= 14.5 PSIG)	91 SCFM
Exhaust flow rate (at 145 PSIG in open air)	36 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Electric pilot	3/2 NC 15 mm (Microsol type)
Available voltage	24VDC (2,5W); 24VAC; 110VAC; 220VAC (3VA)
Weight	0.72 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR. COMPLETE UNIT



CODE	REF.
X50.26.00102	SV 3/8 050 15MM 12V DC
X50.26.00202	SV 3/8 050 15MM 24V DC
X50.26.00602	SV 3/8 050 15MM 24V AC
X50.26.00702	SV 3/8 050 15MM 110V AC
X50.26.00802	SV 3/8 050 15MM 220V AC

Product
SV = Shut-off valve

Connection
1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080

GUIDE TO REFERENCES

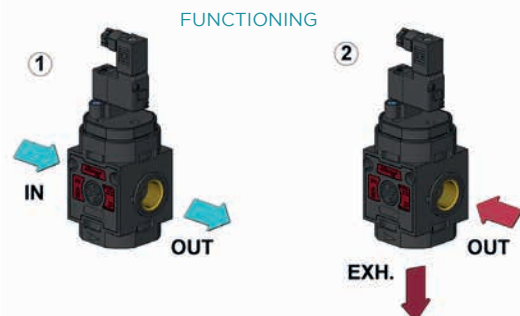
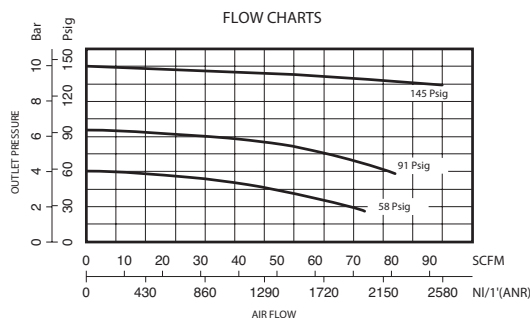
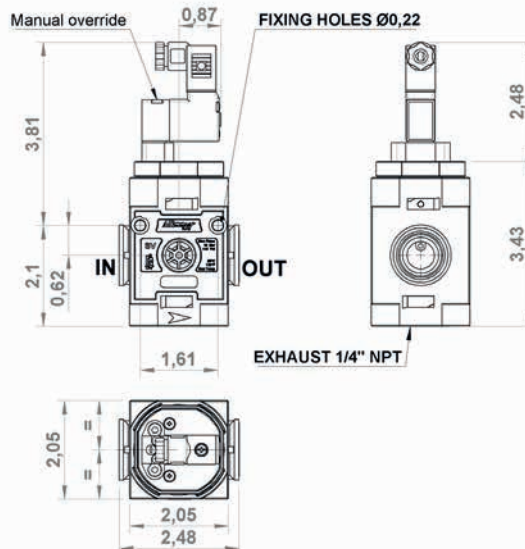
SV 1/4" 042 15MM 24VDC

Voltage

12 VDC
24 VDC
24 VAC
110 VAC
220 AC

Version

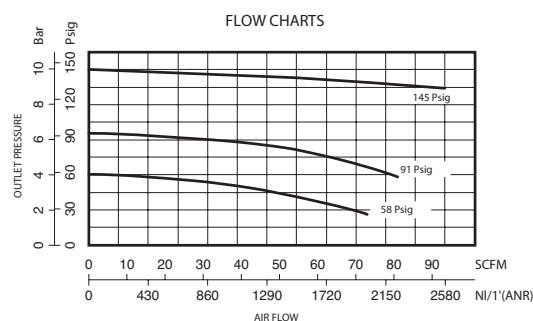
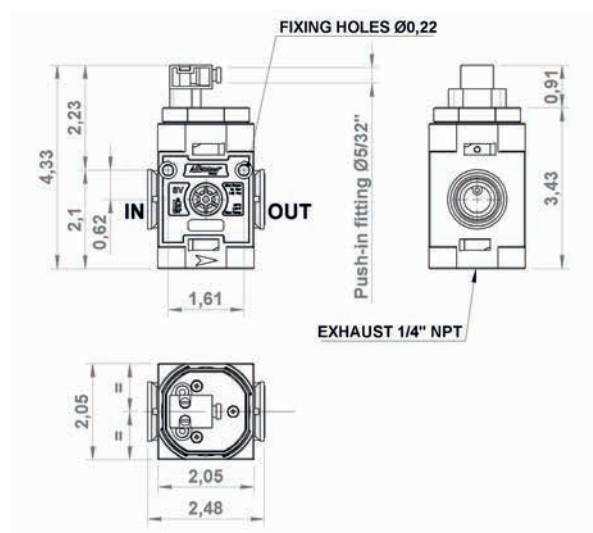
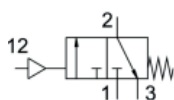
15MM = Solenoid pilot 15 mm
CNOM = Electric controlC-NOMO
PNEU = Pneumatic



1. with actuated pilot, the SV is open (IN-OUT communication)

2. with non-actuated pilot, the SV is closed (IN closed / OUT exhausting)

LINE 050 3/8" NPT | PNEUMATIC SHUT-OFF VALVES



GENERAL FEATURES

The job of the shut-off valve is to close the air supply and exhaust the pressure in the downstream circuit.

The pneumatic model is actuated through a pneumatic piloting operated by selectors or by mushroom actuators present on the control console.

Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations or for depressurizing the circuit in any emergency situation.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Exhaust connection	1/4" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	43.5 PSIG
Reference flow rate (P1= 145 PSIG ΔP= 14.5 PSIG)	91 SCFM
Exhaust flow rate (at 145 PSIG in open air)	36 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Pneumatic connection	push-in fitting D. 4mm (5/32")
Weight	0.61 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR. COMPLETE UNIT



CODE	REF.
X50.26.00902	SV 3/8 050 PNEUMATIC

GUIDE TO REFERENCES

SV 1/4" 042 15MM 24VDC

Product

SV = Shut-off valve

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

Line

042

050

052

075

080

Voltage

12 VDC

24 VDC

24 VAC

110 VAC

220 AC

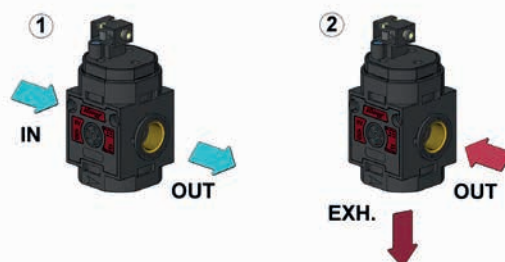
Version

15MM = Solenoid pilot 15 mm

CNOM = Electric controlC-NOMO

PNEU = Pneumatic

FUNCTIONING



1. with piloting under pressure, the SV is open (IN-OUT communication)

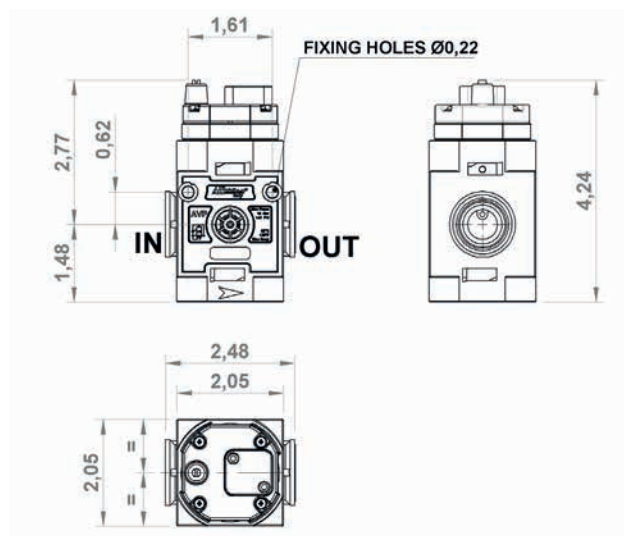
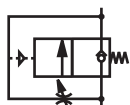
2. with piloting not under pressure, the SV is closed (IN closed / OUT exhausting)

LINE 050 3/8" NPT | SLOW-START VALVES

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

The job of the slow-start valve is to gradually pressurize the pneumatic system upon switching it on.

The gradual pressurization takes place until about 60% of the supply pressure is reached.

The pressurization time can be adjusted through the speed controller positioned in the upper part of the body.

Application: it can be singularly used, or, more commonly, assembled with the shut-off valve. The AVP avoids any dangerous pressure surge, that may be caused by quickly supplying the system to the working pressure.

GENERAL TECHNICAL DATA

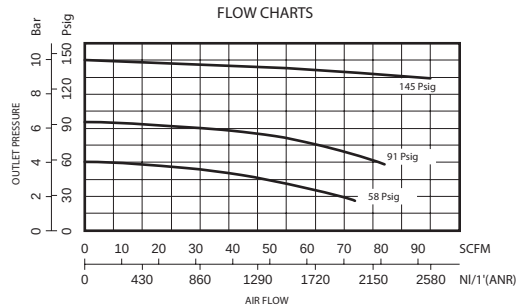
INLET-OUTLET connections	3/8" NPT
Working pressure	min. 43.5 - max. 145 PSIG
Reference flow rate (P1= 145 PSIG ΔP= 14.5 PSIG)	91 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	0.6 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.27.00001	AVP 3/8" 050 PN Autonom.

FLOW CHARTS



GUIDE TO REFERENCES

AVP 1/4" 042 PN

Product

AVP = Slow-start valve

Functioning

PN = Pneumatic

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

Line

042

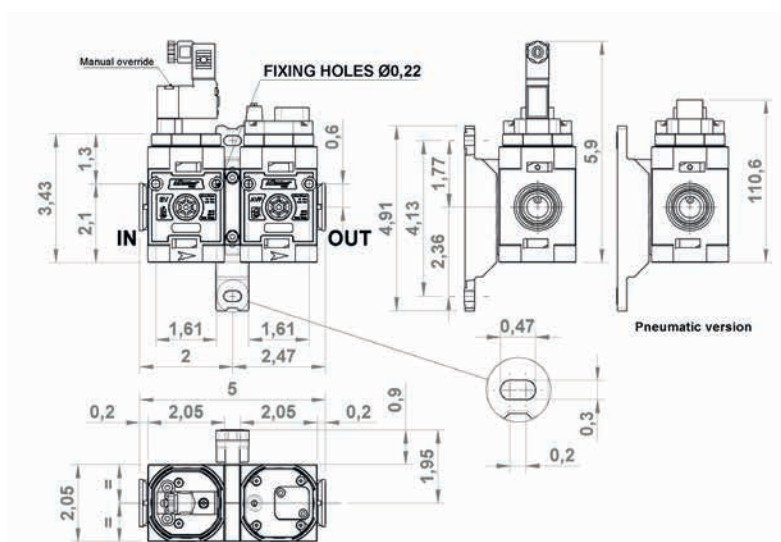
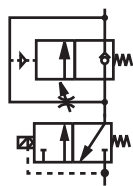
050

052

075

080

LINE 050 3/8" NPT | SHUT-OFF / SLOW START COMBINATIONS



GENERAL FEATURES

SVAV is a set consisting of shut-off valve (SV) and slow-start valve (AVP), assembled and equipped with electric or pneumatic control.

This complete unit, combines the functions of exhausting the pneumatic circuit and cutting-off air supply (SV) with the progressive pressurization provided by the slow-start valve (AVP).

The valves are available with electric control in different voltages or with pneumatic control.

The proposed set is ready to be subsequently assembled with other Aircomp modules, or singularly mounted.

For further information about SV and AVP, please refer to the respective datasheets.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Exhaust connection	1/4" NPT
Maximum inlet pressure	145 PSIG
Working pressure	min. 43.5 - max. 145 PSIG
Reference flow rate (P1= 145 PSIG ΔP= 14.5 PSIG)	91 SCFM
Exhaust flow rate (at 145 PSIG in open air)	1.000 NI/min
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Electric pilot	3/2 NC 15 mm (Microsol type)
Available voltage	24VDC (2,5W); 24VAC; 110VAC; 220VAC (3VA)
Pneumatic piloting	push-in fitting D. 4mm 5/32"
SVAV E Weight	1.48 lb
SVAV P Weight	1.41 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR.ELECTRIC VERSION 050

CODE	REF.
X50.28.00001	SVAV 3/8 050 E 24V DC
X50.28.00002	SVAV 3/8 050 E 24V AC
X50.28.00003	SVAV 3/8 050 E 110V AC
X50.28.00004	SVAV 3/8 050 E 220V AC

ORDERING PART NR. PNEUMATIC VERSION 050

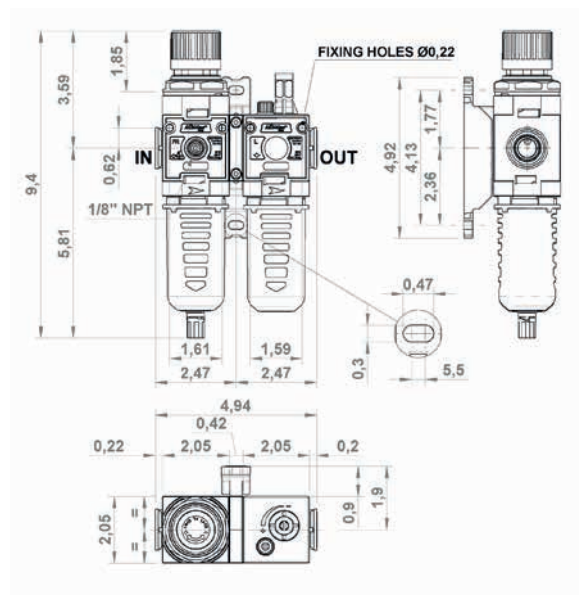
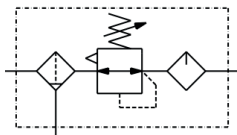
CODE	REF.
X50.28.00005	SVAV 3/8 050 P Ø4

GUIDE TO REFERENCES

SVAV 3/8" 050 E 24VDC

Product	Special type
SVAV = SV+AVP	24VDC
Connection	24VAC
3/8" = 3/8" NPT	110VAC
Line	220VAC
050	Version
	E = Electric
	P = Pneumatic

LINE 050 3/8" NPT | FR + L UNITS



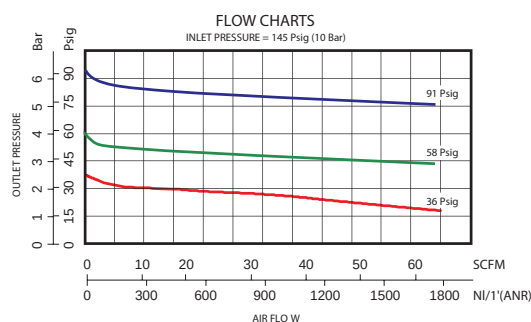
GENERAL FEATURES

Unit consisting of Filter regulator and Lubricator.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	21-145 PSIG 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (PI= 145 PSIG ΔP= 14.5 PSIG)	53 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max torque gauge port	88 In lb
Bowl capacity	1.4 Oz
Weight	0.9 lb

Below 37°F the air of the circuit must be free from humidity



ORDERING CODE

CODE	REF.
X50.16.00025	FR+L 3/8" 050 20 08 R PE SS
X50.16.00001	FR+L 3/8" 050 20 12 R PE SS
X50.16.00036	FR+L 3/8" 050 5 08 R PE SS
X50.16.00037	FR+L 3/8" 050 5 12 R PE SS
X50.16.00501	FR+L 3/8" 050 20 08 R PE SS VL
Float type automatic drain version.	
X50.16.00057	FR+L 3/8" 050 20 08 R PE SA
X50.16.00059	FR+L 3/8" 050 20 12 R PE SA
"Differential" automatic drain version.	
X50.16.00083	FR+L 3/8" 050 20 08 R PE SAD
X50.16.00084	FR+L 3/8" 050 20 12 R PE SAD

GUIDE TO REFERENCES

FR+L 1/4" 042 20 08 R PE SS

Product

FR+L = Filter regulator + Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 70 PSIG
12 = 0 - 175 PSIG

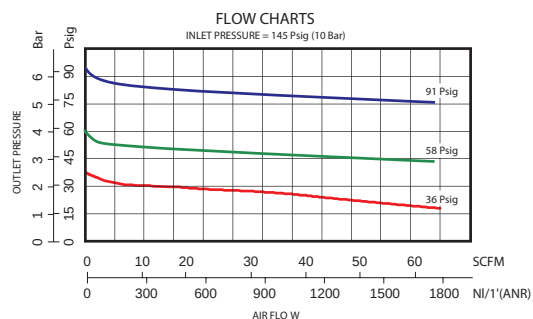
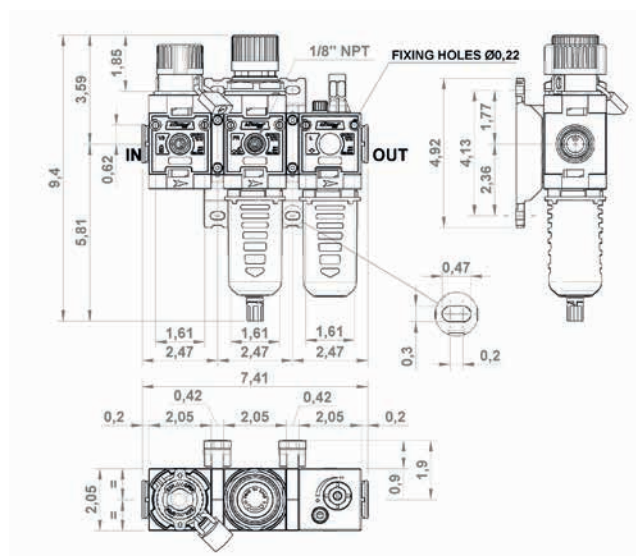
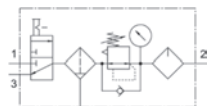


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace O with "M" the the 6th digit of the part nr. for example:

X50.16.M0025 FR+L3/8" 050 20 08R PE SS + GAUGE

LINE 050 3/8" NPT | V3+FR+L UNITS



GENERAL FEATURES

Unit consisting of 3-way Valve (V3) + Filter regulator (FR) + Lubricator (L).

It combines the function of shutting-off the system along with the filtration, pressure regulation and lubrication of compressed air for industrial applications.

Lockable V3 valve for greater safety during maintenance operations.

It is equipped with semiautomatic drain as standard (SS).

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	21-145 PSIG
	29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 145 PSIG ΔP= 14.5 PSIG)	53 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Max Torque IN-OUT	3/8" - 531 In lb
Max torque gauge port	88 In lb
Weight	2.16 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.36.00025	V3+FR+L 3/8" 050 20 08 R PE SS
X50.36.00001	V3+FR+L 3/8" 050 20 12 R PE SS
X50.36.00036	V3+FR+L 3/8" 050 5 08 R PE SS
X50.36.00501	V3+FR+L 3/8" 050 20 08 R PE SS VL
Float type automatic drain version.	
X50.36.00057	V3+FR+L 3/8" 050 20 08 R PE SA
X50.36.00059	V3+FR+L 3/8" 050 20 12 R PE SA
"Differential" automatic drain version.	
X50.36.00063	V3+FR+L 3/8" 050 20 08 R PE SAD
X50.36.00064	V3+FR+L 3/8" 050 20 12 R PE SAD

GUIDE TO REFERENCES

V3+FR+L 1/4" 042 20 08 R PE SS

Product

V3+FR+L = V3 + Filter regulator + Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG

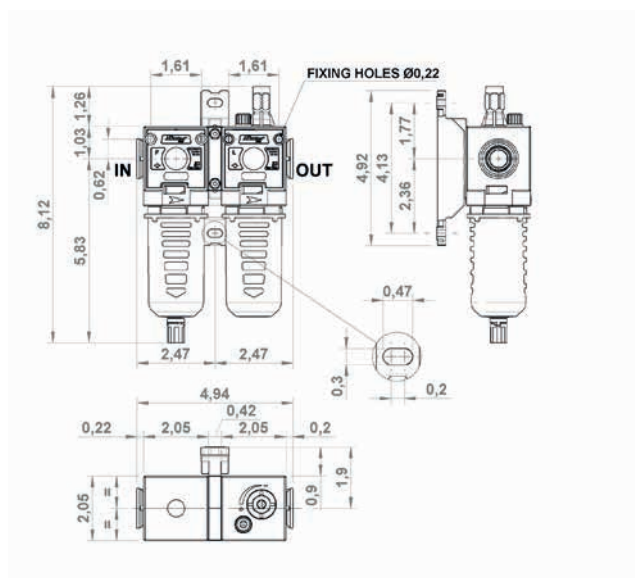
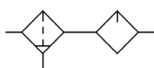


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace O with "M" the 6th digit of the part nr. for example:

X50.36.00025 V3+FR+L 3/8" 050 20 08 R PE SS + **GAUGE**

LINE 050 3/8" NPT | F + L UNITS



GENERAL FEATURES

Unit consisting of Filter and Lubricator.

It combines the functions of filtration and lubrication of compressed air for industrial applications.

Proportional oil mist lubricator ensuring a constant oil delivery over time.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	71 SCFM
Working temperature (at 145 PSIG)	23 - 120°F
Bowl capacity	F= 1.42 L=2.30 Oz
Max Torque IN-OUT	3/8" - 531 In lb
Recommended oil viscosity	ISO VG32
Weight	1.08 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X50.17.00025	F+L 3/8" 050 20 PE SS
X50.17.00029	F+L 3/8" 050 5 PE SS
Float type automatic drain version.	
X50.17.00053	F+L 3/8" 050 20 PE SA
X50.17.00054	F+L 3/8" 050 5 PE SA
"Differential" automatic drain version.	
X50.17.00030	F+L 3/8" 050 20 PE SAD
X50.17.00031	F+L 3/8" 050 5 PE SAD

GUIDE TO REFERENCES

F + L 1/4" 042 20 PE SS

Product

F+L = Filter + Lubricator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Condensate Drain

SS = Semiautomatic (standard)

SA = Automatic float type

SAD = Automatic differential

S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)

TC = Short transparent (Line 042 only)

PE = With outer guard

Filtering element

5 = 5 micron

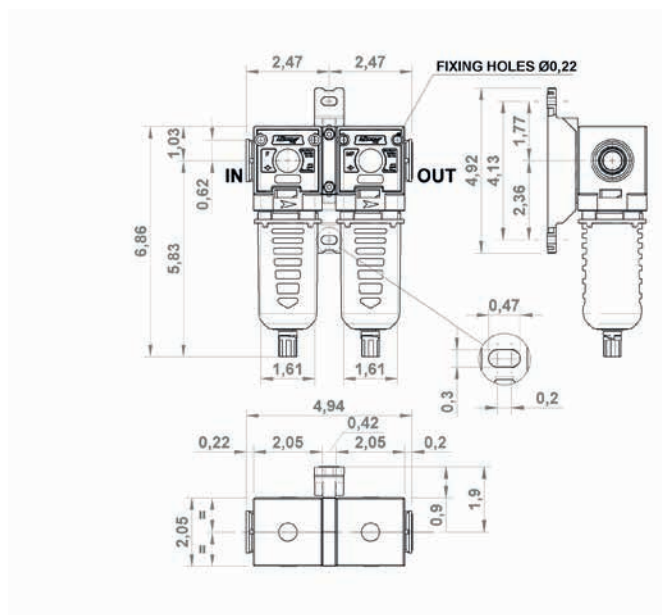
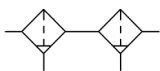
20 = 20 micron

LINE 050 3/8" NPT | F + MF UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Filtration set combining Filter with high condensate separation and coalescing Microfilter.

The job of the Filter is filtering solid particles and condensate separation. The job of the coalescing Microfilter is to remove oil. It is equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	3/8" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree Filter	5 micron
Filtering degree Microfilter	0,01 micron
Recommended max flow rate (91 PSIG)	17.5 SCFM
Working temperature (at 145 PSIG)	23-122° F
Max Torque IN-OUT	3/8" - 531 In lb
Weight	103 lb

Below 37°F the air of the circuit must be free from humidity

GUIDE TO REFERENCES

F 1/4" 042 5 PE SS +
MF 1/4" 042 0,01 TT SS

Product

F = Filter + Microfilter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron

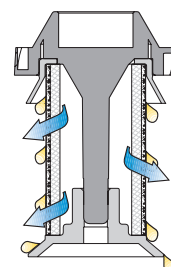
ORDERING CODE

CODE	REF.
X50.19.00001	F 5 PE SS+MF 3/8" 050 0,01 PE SS
Float type automatic drain version.	
X50.19.00002	F 5 PE SS+MF 3/8" 050 0,01 PE SA
"Differential" automatic drain version.	
X50.19.00004	F 5 PE SS+MF 3/8" 050 0,01 PE SAD

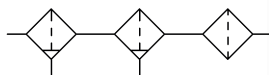
COALESCENT CARTRIDGE

FUNCTIONING

The air with impurity enter into the special cartridge with high efficiency, that stop solid particles, capture and join outside particles of oil and condensate (coalescent effect). In this way, they easily fall down at the bottom of the bowl, where condensate is discharged. Filtered air obtained is without solid and liquid parts.



AIR PREPARATION



WATER PREPARATION

GUIDE TO REFERENCES

F 1/4"	042	5	PE	SS	+
MF 1/4"	042	0,01	PE	SS	+
CF 1/4"	042	CA	PE		

Product
F = Filter
MF = Microfilter
CF = Activated carbon

Connection
1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line
042
050
052
075
080

Condensate Drain	
SS	= Semiautomatic (standard)
SA	= Automatic float type
SAD	= Automatic differential
S18	= Open seat 1/8 F

Bowl	TT = Transparent (Line 042 only) TC = Short transparent (Line 042 only) PE = With outer guard
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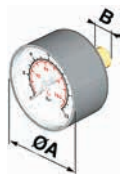
Filtering element
5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

ORDERING CODE

1.59

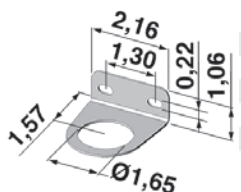
LINE 050 3/8" NPT | ACCESSORIES

GAUGE



CODE	BAR	PSIG	A	B	CH.
A38.00.00104	0-14	0-200	1.57	1/8" NPT	0.55

BRACKET



CODE
C75.01.00018

"T" BRACKET KIT LINE 050 - 052



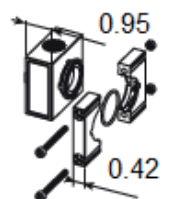
CODE
C50.06.00006

KIT ASSEMBLING UNITS



CODE	PROD.
C50.06.00001	FR+L - F+L

AIR TAKEOFF



CODE	CONNECTION	PROD.
Air take-off		
C50.05.00005	1/4" NPT	all
Inlet air take-off		
C50.06.00005	1/4"- 3/8" NPT	all
Outlet air take-off		
C50.06.00004	1/4"- 3/8" NPT	all

PLUG G1/8"



CODE	PRODUCT
B38.00.00018	1/8"

LINE 050 3/8" NPT | ACCESSORIES

AUTOMATIC DRAIN



CODE	PRODUCT
C40.02.00130 SA	F - FR - MF
C42.02.00012 SAD	F - FR - MF

MOUNTING KIT FOR AUTOMATIC DRAIN



CODE	PRODUCT
C40.02.00131	SA - SAD

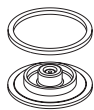
AIR PREPARATION

VALVES

WATER PREPARATION

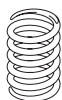
LINE 050 3/8" NPT | SPARE PARTS

DIAPHRAGM KIT



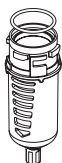
CODE	PROD.	VERSION
C50.01.00021	R - FR	RELIEVING

REGULATION SPRING



CODE	PROD.	SET REGULATION
A50.01.00006	R - FR	0-60 PSIG
A50.01.00007	R - FR	0-120 PSIG
A50.01.00008	R - FR	0-175 PSIG

BOWL FOR FILTER



CODE	PROD.	VERSION
C50.02.00002	F - FR - MF	PE SS
C50.02.00038	F - FR - MF	PE SA
C50.02.00062	F - FR - MF	PE SAD

BOWL FOR LUBRICATOR



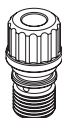
CODE	PROD.	VERSION
C50.03.00001	L	PE
C50.13.01000	VL	PE
C50.03.00038	IL	PE

OIL WINDOW



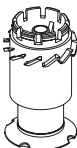
CODE	PROD.
C42.03.00005	L

OIL PLUG



CODE	PROD.
C75.03.00073	L

FILTERING ELEMENT



CODE	PROD.	VERSION
C50.02.00005	F	20 MICRON
C50.02.00018	FR	20 MICRON
C50.02.00006	F	5 MICRON
C50.02.00019	FR	5 MICRON
C50.02.00007	MF	0,01 MICRON
A50.02.00009	CF	CARBON

LINE 075 1/2" NPT | MODULAR UNITS



GENERAL FEATURES

This Line consists of traditional units and complementary modules for enabling the configuration of battery sets integrated with several functions.

The complementary modules are:

V3 manual shut-off valve, lockable

SV electric or pneumatic shut-off valve

AVP slow-start valve

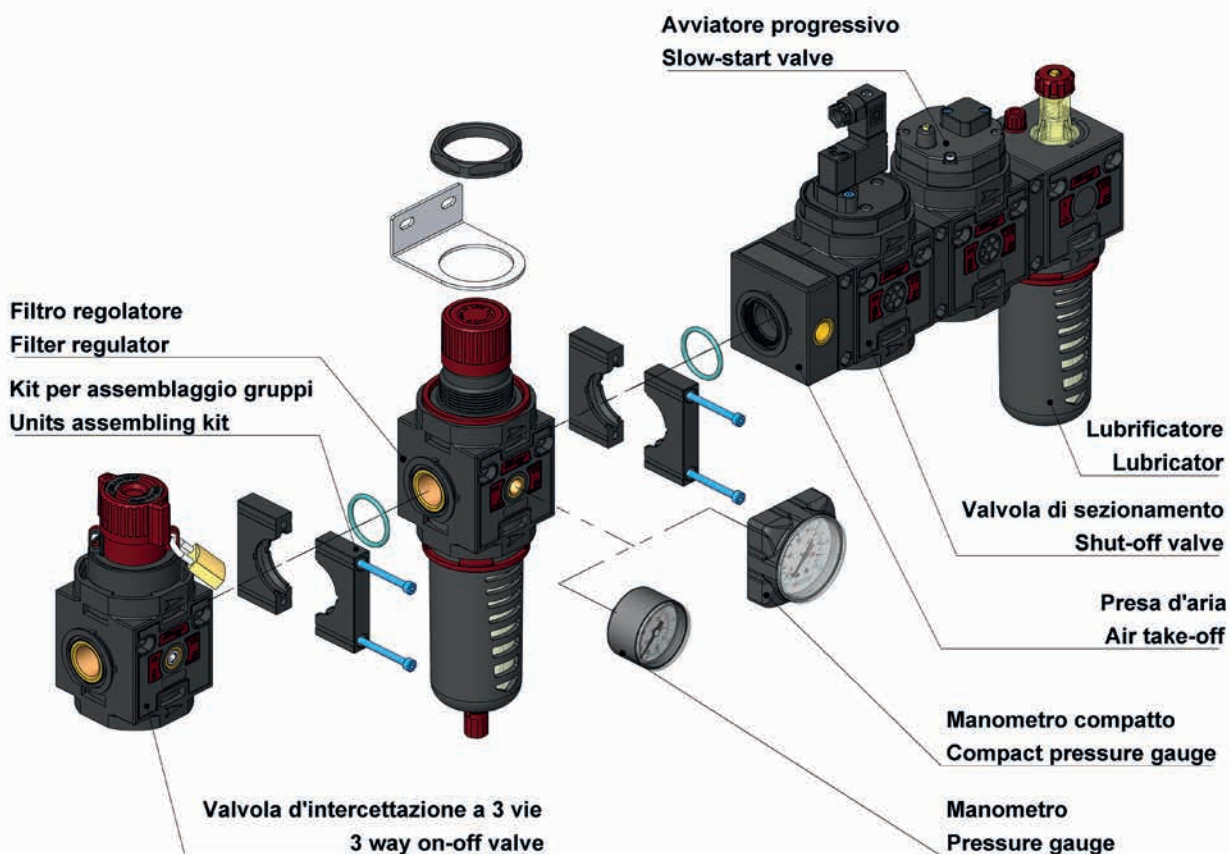
MF coalescing microfilter 0,01 micron

CF activated carbon filter

PA additional air inlet: intermediate, inlet; outlet

GENERAL TECHNICAL DATA

Fluid	compressed air
Working temperature (at 145 PSIG):	23-122° F
Connections IN-OUT	1/2" NPT
Assembling type	Assembling kit
Mounting position	see singol components
Wall fixing	through holes on the body or brackets
Version with lock	standard on V3



LINE 075 1/2" NPT | MODULAR UNITS

CONDENSATE DRAIN

The condensate building up within the pneumatic systems is often causing malfunctioning and expensive extraordinary maintenance. Therefore, it is of utmost importance providing a good separation operated by the filter and an effective drainage to the outside, in order to avoid an excessive piling up. Aircomp offers the opportunity to equip the filters with different types of condensate drain according to the system requirements.

SEMI-AUTOMATIC DRAIN (SS)



Semiautomatic drain is supplied as standard on all Aircomp Lines.

The standard drain closes when the bowl is pressurized (min. P 7 PSIG) and opens discharging the condensate whenever the unit is depressurized.

The drain can be manually set to always "closed" modality (closed both when the bowl is pressurized and depressurized).

FLOAT TYPE AUTOMATIC DRAIN (SA)



Float type automatic drain opens even when the bowl is pressurized upon reaching a set condensate level. The excess condensate is discharged to the outside and can be conveyed connecting a drainage hose to the duct.

DIFFERENTIAL AUTOMATIC DRAIN (SAD)



Differential automatic drain opens even when the bowl is pressurized but only when there is air consumption (min. delta P = 3 PSIG) and upon reaching a set condensate level. The excess condensate is discharged to the outside. It is possible to connect a drainage hose to the duct.

OPEN 1/8" CONNECTION (S18)



The seat with female thread 1/8", available upon request, allows the connection to alternative remote open/close systems, such as exhaust solenoid valves.

It is available also with locking pin with "manual drain" function.

All Aircomp air preparation units can be directly wall mounted through the holes prearranged on the body. As to Regulators and Filter Regulators, the option of the standard bracket to be used with the fixing nut is available.

The need to have a greater distance between the unit and the wall can be fulfilled by our «T» BRACKET KIT (Art. C75.06.00011), that can be assembled on any main unit.

Please find more details hereunder:



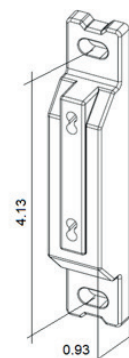
The T bracket must be mounted using the assembling kit art. C75.06.00001



In this way, it will be possible to space out units of 2 or more components.



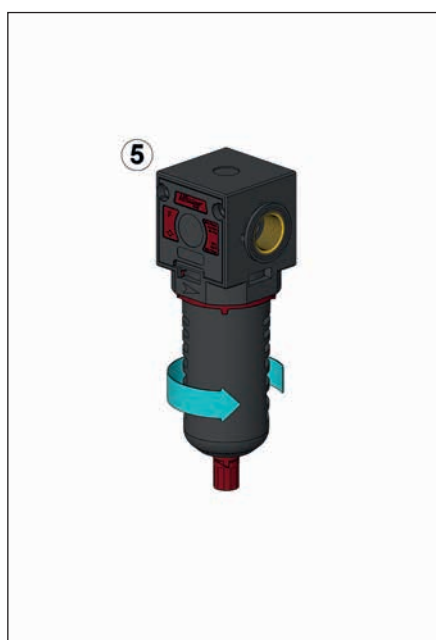
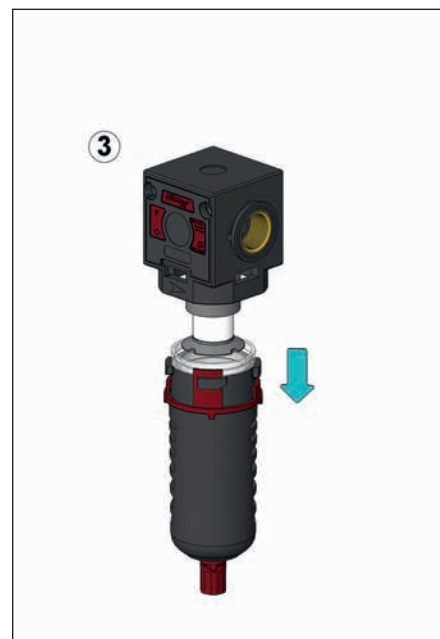
The screws included in the bracket kit allow mounting the bracket and close the 2 parts of the assembling kit.



⚠ WARNING!

These products are intended for use in industrial systems only.

Do not use these products where pressures and temperatures can exceed those listed under catalogue specifications. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specification, consult STAMPOTECNICA.



BOWL SAFETY RING

Bowls of Line 050, 052, 075, 080 and 095 are designed for a clip-on mounting, which enables the quick assembling and disassembling. All the bowl are equipped with a particular safety ring in order to prevent the accidental disassembly when the unit is pressurized.

For disassembling the bowl, it is actually necessary carrying out three movements in a sequence:

1. Lifting the safety ring Pic. 1
2. Turning the bowl clockwise Pic. 2
3. Lowering the bowl Pic. 3

It is not possible to disassemble the bowl when the safety ring is lowered.

Movements 1. and 2., to be executed in a sequence, increase the operator's attention on the intervention he is carrying out.



Attention: the disassembling of the bowl must always be executed when the unit is depressurized.

The bowl reassembling can be easily executed following these steps:

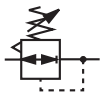
1. Check that the safety ring is in its correct position (on the clamping tooth) as in Pic. 4
2. Fit the bowl into the body seat and lock it turning anticlockwise Pic. 5
3. Make sure that the safety ring is brought back to the correct position Pic. 6

LINE 075 1/2" NPT | MODULAR REGULATORS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Modular regulator with balanced valve which ensures big flow rate and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with pressure locking device.

Equipped with nut and nr. plug.

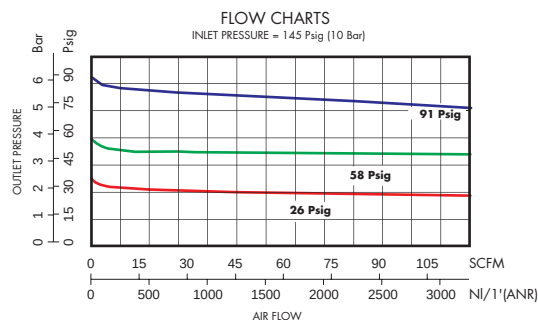
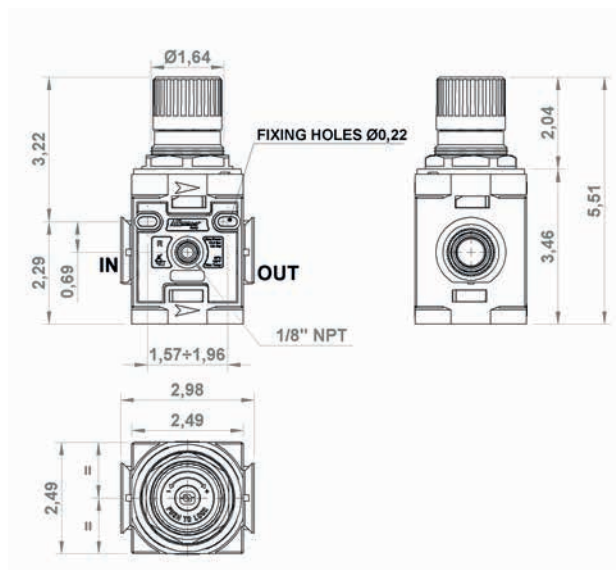
GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	101 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Max torque gauge port	88 In lb
Weight	0.96 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.11.00003	R 1/2" 075 04 R
X75.11.*****	R 1/2" 075 08 R
X75.11.00002	R 1/2" 075 12 R



GUIDE TO REFERENCES

R 1/4" 042 08 R LK

Product

R = Regulator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Special type

LK = Lockable

Version

= Standard

B = For battery

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG

08 = 0 - 120 PSIG

12 = 0 - 175 PSIG



WOULD YOU LIKE TO ORDER THE
REGULATOR COMPLETE WITH GAUGE?

Replace O with "M" the 6th digit of the part nr. for example:

X75.11.M0003 R 1/2" 075 04 R + GAUGE

LINE 075 1/2" NPT | MODULAR FILTERS



GENERAL FEATURES

Modular filter delivering high degree of condensate separation and low load loss.

It can be wall mounted through the holes prearranged on the body.

Equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized. Bowl made from hardened polyamide with outer guard.

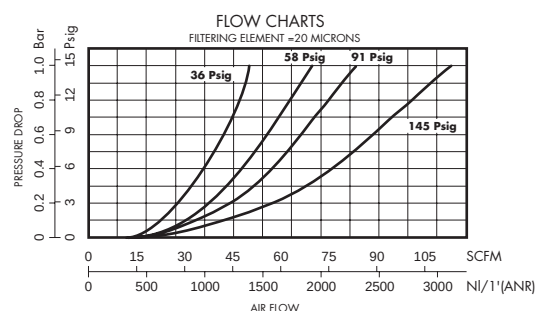
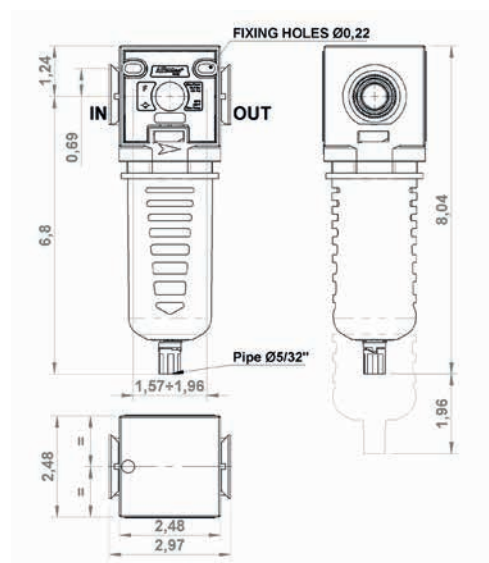
GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 145 PSIG ΔP= 14.5 PSIG)	110 SCFM
Working temperature (at 145 PSIG)	23 -122° F
Bowl capacity	3.38 Oz
Max Torque IN-OUT	1/2" - 707 In lb
Weight	0.78 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.12.00025	F 1/2" 075 20 PE SS
X75.12.00057	F 1/2" 075 5 PE SS
Float type automatic drain version.	
X75.12.00026	F 1/2" 075 20 PE SA
X75.12.00058	F 1/2" 075 5 PE SA
"Differential" automatic drain version.	
X75.12.00076	F 1/2" 075 20 PE SAD
X75.12.00077	F 1/2" 075 5 PE SAD



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

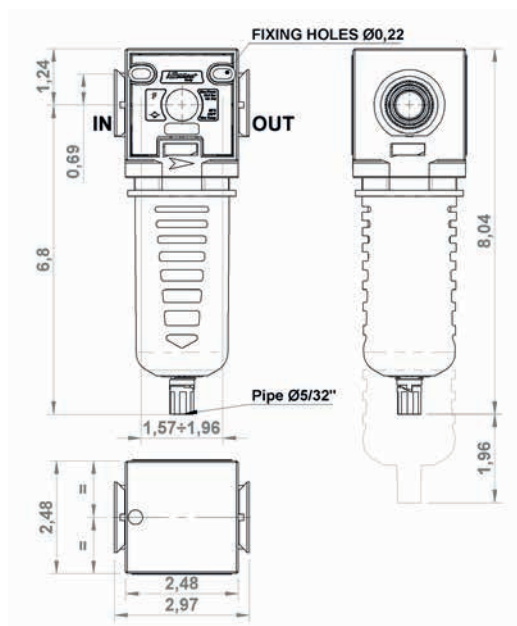
SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon



Modular filter with coalescing cartridge made from glass borosilicate fiber providing high filtering efficiency (99,97% on 0,01 micron particles).

Application: it is suitable for removing oil remnants in pneumatic circuits.

It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS). Bowl made from hardened polyamide with outer guard.

INLET-OUTLET connections	1/2" NPT
Working pressure	7 - 180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	0,01 micron
Recommended max flow rate (91 PSIG)	28.3 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN OUT	1/2" - 707 In lb
Weight	0.78 lb

ORDERING CODE

CODE	REF.
X75.12.00027	MF 1/2" 075 0,01 PE SS
Float type automatic drain version.	
X75.12.00028	MF 1/2" 075 0,01 PE SA
"Differential" automatic drain version.	
X75.12.00078	MF 1/2" 075 0,01 PE SAD

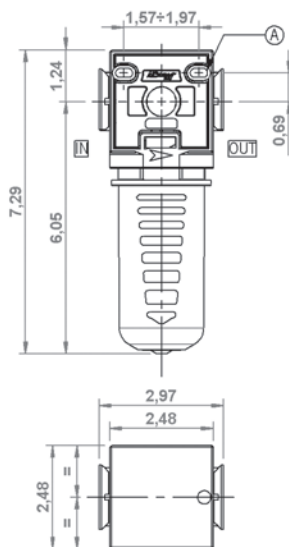
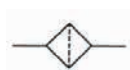
F 1/4" 042 20 PE SS

F 1/4" 042 20 PE SS

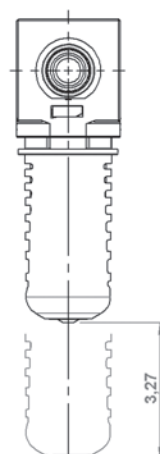
Product F = Filter MF = Microfilter CF = Activated carbon		Condensate Drain SS = Semiautomatic (standard) SA = Automatic float type SAD = Automatic differential S18 = Open seat 1/8 F	
Connection 1/4" = 1/4" NPT 3/8" = 3/8" NPT 1/2" = 1/2" NPT 3/4" = 3/4" NPT 1" = 1" NPT		Tazza TT = Transparent (Line 042 only) TC = Short transparent (Line 042 only) PE = With outer guard	
Line 042 050 052 075 080 095		Filtering element 5 = 5 micron 20 = 20 micron 0,01 = 0,01 micron CA = Activated carbon	

FUNCTIONING

LINE 075 1/2" NPT | CARBON FILTERS



A FIXING HOLES Ø0,22



GENERAL FEATURES

Aircomp activated carbon filter exploits the absorption properties of activated carbon in order to increase air purity and eliminate unpleasant smell in the air aimed at the industrial sector. The activated carbon filter, in order to guarantee its performance, needs to be associated with a coalescing filter, that should be preceded by a 5 Micron filter (F+MF+CF). It can be wall mounted through the holes prearranged on the body. Closed bowl (without drain) made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

Fluid	compressed air
INLET-OUTLET connections	1/2" NPT
Maximum inlet pressure	180 PSIG
Filtering cartridge	activated carbon
Life of cartridge	Replacement against pressure drop higher than 10 PSIG. Anyhow, do not exceed 2,000 working hours. Saturation of activated carbon may not cause pressure drop.
Reference flow rate	see the flow chart
Working temperature (at 145 PSIG)	23 - 122°F
Max Torque IN-OUT	1/2" - 707 In lb
Weight	0.78 lb

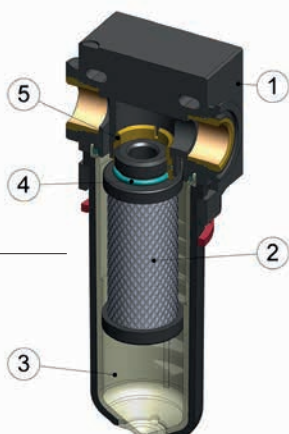
Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

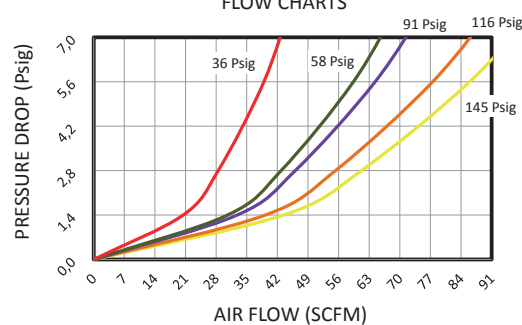
CODE	REF.
X75.12.00300	CF 1/2" 075 CA PE

USED MATERIALS

1. **Body** - PA + BRASS
2. **Carbon filter cartridge**
3. **Bowl** - Toughened PA
4. **O-ring** - NBR
5. **Brass insert**



FLOW CHARTS



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

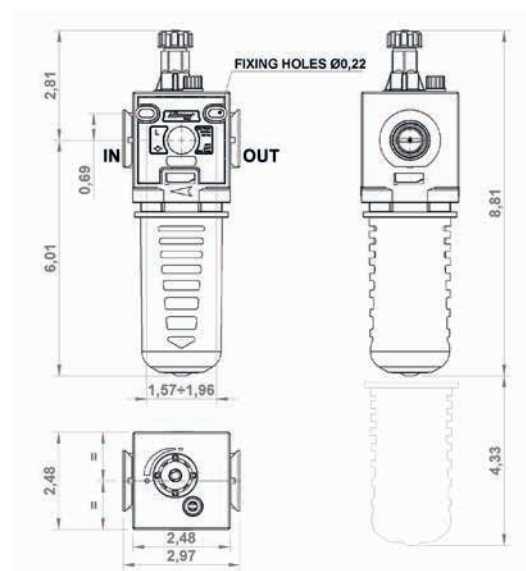
5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

LINE 075 1/2" NPT | LUBRICATORS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Proportional oil mist lubricator allowing a constant oil delivery over time.

Oil suction even under low flow rate with high sensitivity in the lubricant adjustment.

Oil filling plug.

It can be wall mounted through the holes prearranged on the body.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Maximum inlet pressure	180 PSIG
Bowl capacity	4.73 Oz
Recommended oil viscosity	ISO VG32
Reference flow rate (P1= 145 PSIG ΔP= 14.5 PSIG)	125.3 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Weight	0.78 lb

Below 37°F the air of the circuit must be free from humidity

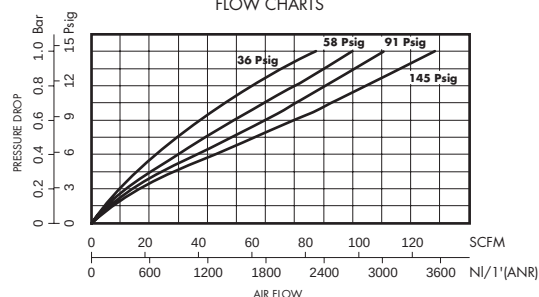
ORDERING CODE

CODE	REF.
X75.13.00025	L 1/2" 075 PE

MINIMUM OPERATING FLOW RATE

INLET PRESSURE			MINIMUM AIR FLOW RATE		
Psig	MPa	Bar	dm³/s (ANR)	NI/1' (ANR)	SCFM
36	0,25	2,50	0,25	15	0.5
58	0,40	4,00	0,30	18	0.63
91	0,63	6,30	0,38	23	0.8

FLOW CHARTS



GUIDE TO REFERENCES

L 1/4" 042 PE

Product

L = Lubricator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Version

= Standard

VL = Vacuum filling

IL = Min Level indicator

IM = Max/Min Level indicator (Line 095 only)

Bowl

TT = Transparent (Line 042 only)

TC = Short transparent (Line 042 only)

PE = With outer guard

LINE 075 1/2" NPT | LUBRICATOR WITH LEVEL INDICATOR



GENERAL FEATURES

Lubricator equipped with float type level indicator, emitting an electric signal able to control light indicators or acoustic alarms upon reaching the minimum level.

Oil suction even under low flow rate with high sensitivity in the lubricant adjustment.

It can be wall mounted through the holes prearranged on the body. Closed bowl made from hardened polyamide, with outer guard.

GENERAL TECHNICAL DATA

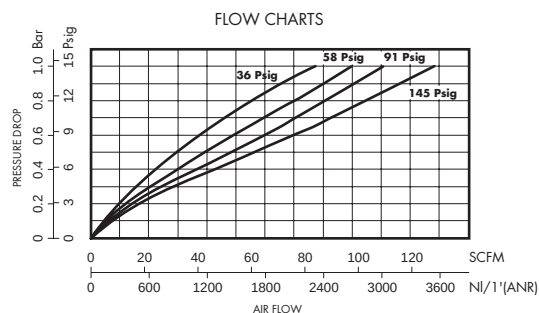
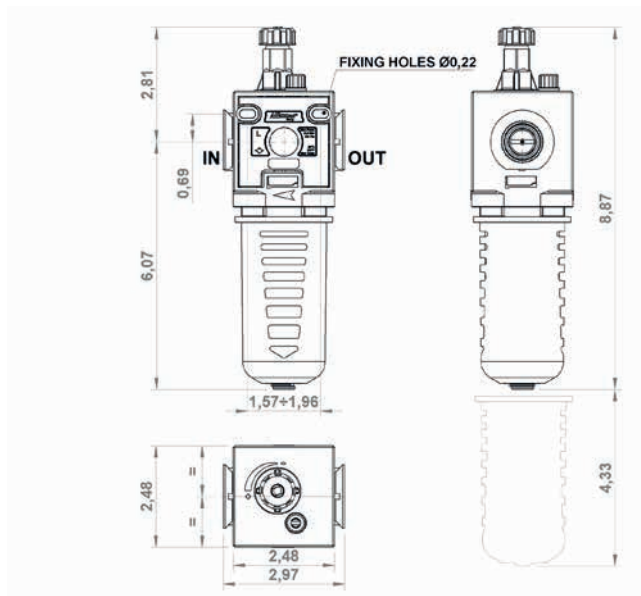
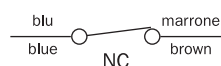
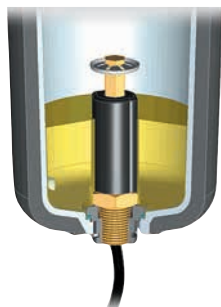
INLET-OUTLET connections	1/2" NPT
Maximum inlet pressure	101 SCFM
Maximum voltage	100 V AC
Electric contact	0,75 A 10W Protection IP 65
Bowl capacity	132 cc
Recommended oil viscosity	ISO VG32
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	119 SCFM
Working temperature (at 101 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Weight	0.77 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.13.00032	L 1/2" 075 PE IL

LEVEL INDICATOR



GUIDE TO REFERENCES

L 1/4" 042 PE

Product

L = Lubricator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Version

= Standard

VL = Vacuum filling

IL = Min Level indicator

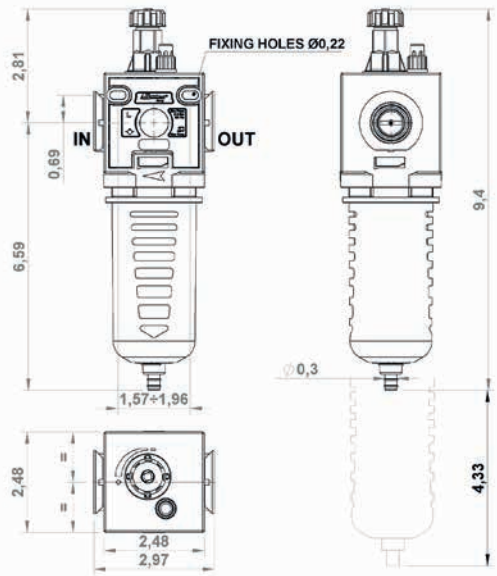
IM = Max/Min Level indicator (Line 095 only)

Bowl

TT = Transparent (Line 042 only)

TC = Short transparent (Line 042 only)

PE = With outer guard



Closed bowl made from hardened polyamide with outer guard.

LINE 075 1/2" NPT | FILTER REGULATORS



GENERAL FEATURES

High performance modular filter regulator ensuring big flow rate and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with locking pressure device.

Equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide with outer guard.

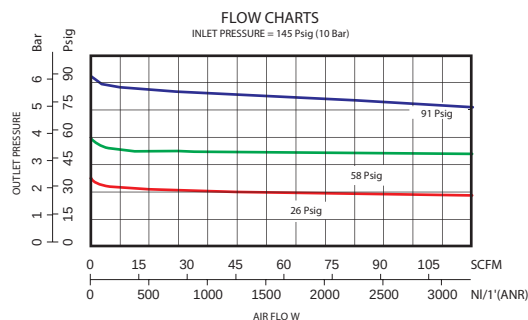
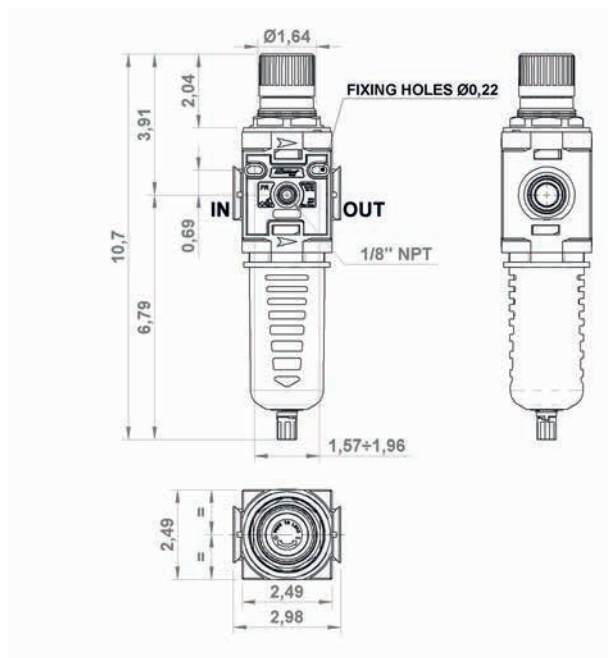
GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7 - 180 PSIG
Auto Working pressure with drain	model SA: 21 - 145 PSIG model SAD: 29 - 175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 91 PSIG ΔP= 14,5 PSIG)	101 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Max torque gauge port	88 In lb
Bowl capacity	3.38 Oz
Weight	1.25 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.14.00025	FR 1/2" 075 20 08 R PE SS
X75.14.00053	FR 1/2" 075 20 12 R PE SS
X75.14.00062	FR 1/2" 075 5 04 R PE SS
X75.14.00063	FR 1/2" 075 5 08 R PE SS
X75.14.00064	FR 1/2" 075 5 12 R PE SS
Float type automatic drain version.	
X75.14.00026	FR 1/2" 075 20 08 R PE SA
X75.14.00065	FR 1/2" 075 20 12 R PE SA
"Differential" automatic drain version.	
X75.14.00097	FR 1/2" 075 20 08 R PE SAD
X75.14.00098	FR 1/2" 075 20 12 R PE SAD



GUIDE TO REFERENCES

FR 1/4" 042 20 08 R PE SS

Product

FR = Filter regulator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Filtering element

5 = 5 micron

20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)

SA = Automatic float type

SAD = Automatic differential

S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line 042 only)

TC = Short transparent (Line 042 only)

PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG

08 = 0 - 120 PSIG

12 = 0 - 175 PSIG



WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the 6th digit of the part nr. for example:

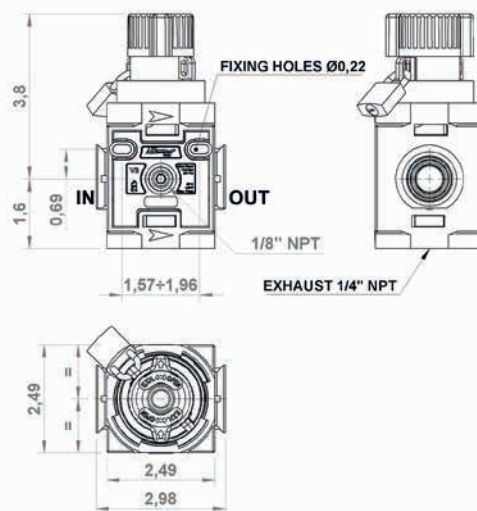
X75.14.M0025 FR1/2" 075 20 08R PE SS + GAUGE

LINE 075 1/2" NPT | 3-WAY VALVES WITH LOCK

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

The job of this 3-way on-off valve is to shut off air supply and exhaust the pressure in the downstream circuit.

Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations with total safety, thus avoiding the system from being accidentally pressurized.

The valve is equipped with nr. 1 lock and nr. 2 keys.

GENERAL TECHNICAL DATA

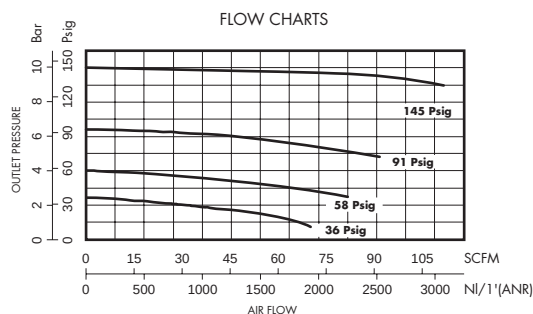
INLET-OUTLET connections	1/2" NPT
Exhaust connection	1/4"NPT
Maximum inlet pressure	180 PSIG
Reference flow rate (PI= 91 PSIG ΔP= 14.1 PSIG)	108 SCFM
Exhaust flow rate (at 145 PSIG in open air)	67 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb

Weight 0.86 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.25.00001	V 1/2" 075 V 3



GUIDE TO REFERENCES

V 1/4" 042 3V

Product

V = 3 way Valve

Functioning

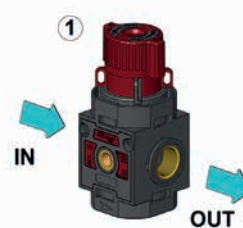
3V = 3 Way

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

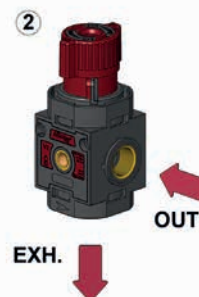
Line

042
050
052
075
080



1. with OPEN VALVE

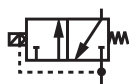
IN and OUT are in communication for an open air flow



2. with CLOSED VALVE

The inlet (IN) is closed while the outlet (OUT) is in communication with the exhaust.

LINE 075 1/2" NPT | ELECTRICAL SHUT-OFF VALVES 15MM



GENERAL FEATURES

The job of the shut-off valve is to close the air supply and exhaust the pressure in the downstream circuit.

The electrical model is often connected to ON-OFF switches or emergency mushrooms on the control console.

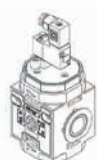
Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations or for depressurizing circuits in any emergency situation.

GENERAL TECHNICAL DATA

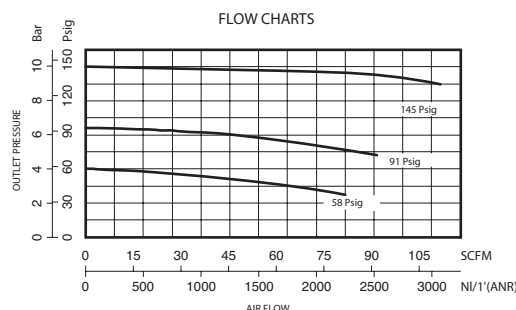
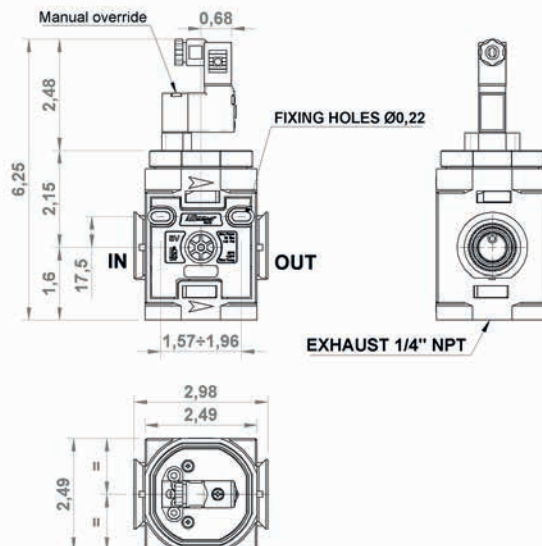
INLET-OUTLET connections	1/2" NPT
Exhaust connection	1/4" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	43.5 PSIG
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	108 SCFM
Exhaust flow rate (at 145 PSIG in open air)	67 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Electric pilot	3/2 NC 15 mm (Microsol type)
Available voltage	24VDC (3W); 24VAC; 110VAC; 220VAC (5VA)
Weight	1 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR. COMPLETE UNIT



CODE	REF.
X75.26.00102	SV 1/2 075 15MM 12V DC
X75.26.00202	SV 1/2 075 15MM 24V DC
X75.26.00602	SV 1/2 075 15MM 24V AC
X75.26.00702	SV 1/2 075 15MM 110V AC
X75.26.00802	SV 1/2 075 15MM 220V AC



GUIDE TO REFERENCES

SV 1/4" 042 15MM 24VDC

Product
SV = Shut-off valve

Connection
1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080

Voltage

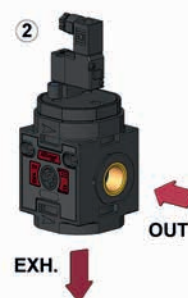
12 VDC
24 VDC
24 VAC
110 VAC
220 AC

Version

15MM = Solenoid pilot 15 mm
CNOM = Electric controlC-NOMO
PNEU = Pneumatic

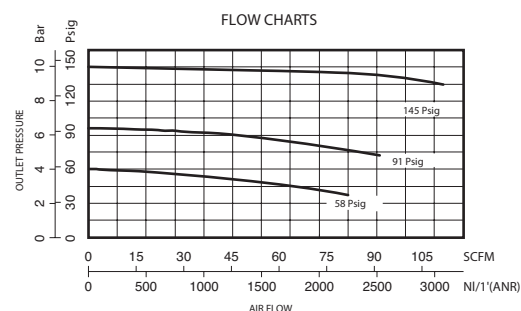
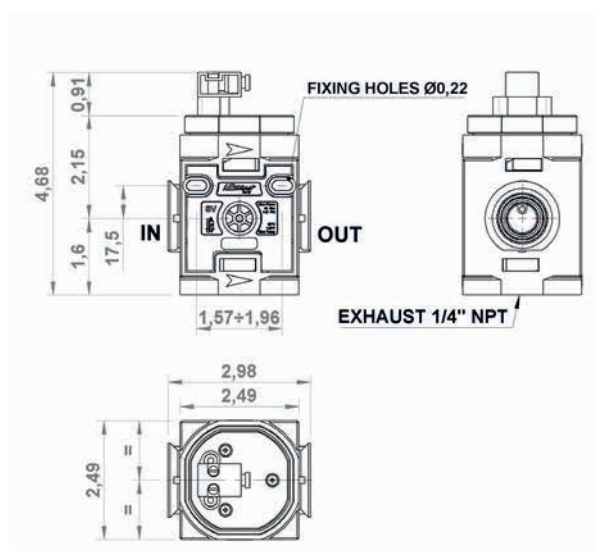
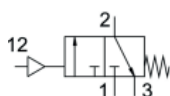


1. with actuated pilot, the SV is open (IN-OUT communication)



2. with non-actuated pilot, the SV is closed (IN closed / OUT exhausting)

LINE 075 1/2" NPT | PNEUMATIC SHUT-OFF VALVES



GENERAL FEATURES

The job of the shut-off valve is to close the air supply and exhaust the pressure in the downstream circuit.

The pneumatic model is actuated through a pneumatic piloting operated by selectors or by mushroom actuators present on the control console.

Application: it can be used singularly or, more commonly, assembled in battery set. It is actuated for carrying out maintenance operations or for depressurizing the circuit in any emergency situation.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Exhaust connection	1/4" NPT
Maximum inlet pressure	145 PSIG
Minimum working pressure	43.5 PSIG
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	108 SCFM
Exhaust flow rate (at 145 PSIG in open air)	67 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Pneumatic connection	5/32"
Weight	1 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

ORDERING PART NR. COMPLETE UNIT



CODE	REF.
X75.26.00902	SV 1/2 075 PNEUMATIC

GUIDE TO REFERENCES

SV 1/4" 042 15MM 24VDC

Product
SV = Shut-off valve

Connection
1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

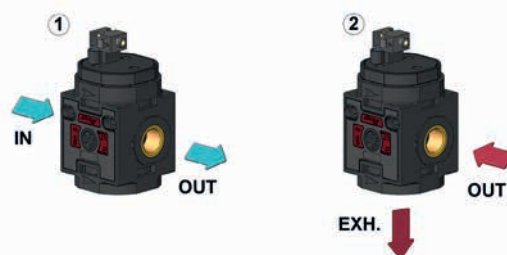
042
050
052
075
080

Voltage

12 VDC
24 VDC
24 VAC
110 VAC
220 AC

Version

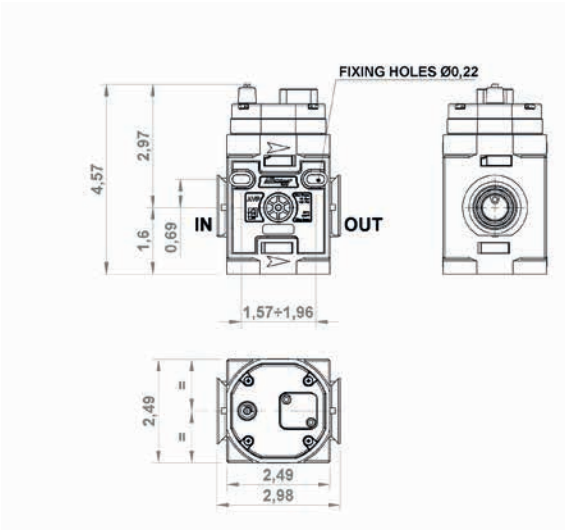
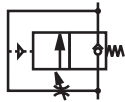
15MM = Solenoid pilot 15 mm
CNOM = Electric control C-NOMO
PNEU = Pneumatic



1. with piloting under pressure, the SV is open (IN-OUT communication)

2. with piloting not under pressure, the SV is closed (IN closed / OUT exhausting)

LINE 075 1/2" NPT | SLOW-START VALVES



GENERAL FEATURES

The job of the slow-start valve is to gradually pressurize the pneumatic system upon switching it on. The gradual pressurization takes place until about 60% of the supply pressure is reached. The pressurization time can be adjusted through the speed controller positioned in the upper part of the body. Application: it can be singularly used, or, more commonly, assembled with the shut-off valve. The AVP avoids any dangerous pressure surge, that may be caused by quickly supplying the system to the working pressure.

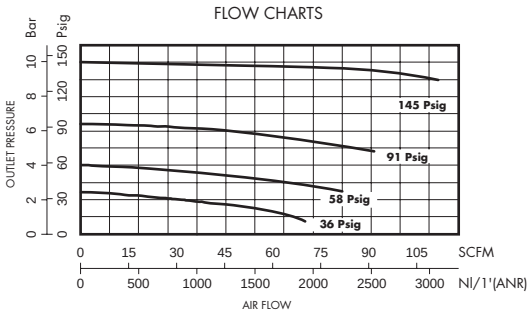
GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Working pressure	min. 58 - max 180 PSIG
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	108 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Weight	0.9 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.27.00001	AVP 1/2" 075 PN Autonom.



GUIDE TO REFERENCES

AVP 1/4" 042 PN

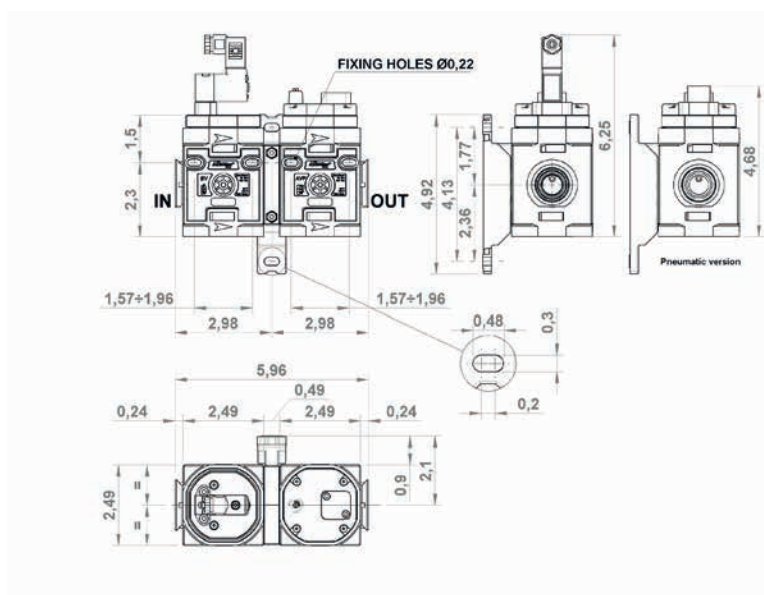
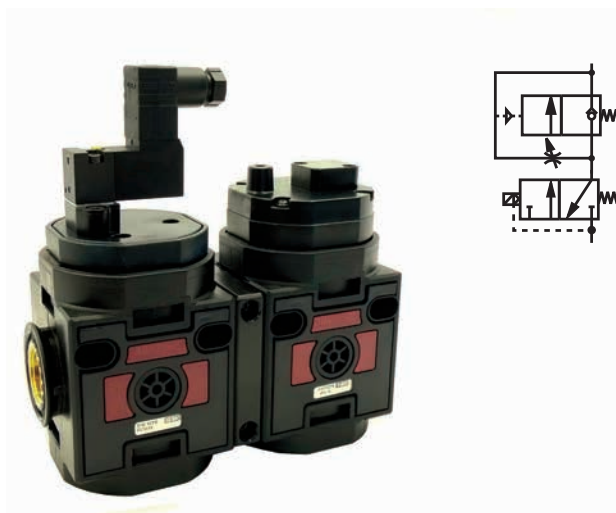
Product AVP = Slow-start valve	Functioning PN = Pneumatic
Connection 1/4" = 1/4" NPT 3/8" = 3/8" NPT 1/2" = 1/2" NPT 3/4" = 3/4" NPT	Line 042 050 052 075 080

LINE 075 1/2" NPT | SHUT-OFF/SLOW START COMBINATIONS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

SVAV is a set consisting of shut-off valve (SV) and slow-start valve (AVP), assembled and equipped with electric or pneumatic control.

This complete unit, combines the functions of exhausting the pneumatic circuit and cutting-off air supply (SV) with the progressive pressurization provided by the slow-start valve (AVP). The valves are available with electric control in different voltages or with pneumatic control.

The proposed set is ready to be subsequently assembled with other Aircomp modules, or singularly mounted.

For further information about SV and AVP, please refer to the respective datasheets.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Exhaust connection.	1/4" NPT
Working pressure	min. 58 - max 180 PSIG
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	108 SCFM
Exhaust flow rate (at 145 PSIG in open air)	67 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Electric pilot	3/2 NC 15 mm (Microsol type)
Available voltage:	24VDC (2,5W); 24VAC; 110VAC; 220VAC (3VA)
Pneumatic piloting	5/32"
SVAV E Weight:	1.95 lb
SVAV P Weight	1.90 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING PART NR.ELECTRIC VERSION

CODE	REF.
X75.28.00001	SVAV 1/2 075 E 24V DC
X75.28.00002	SVAV 1/2 075 E 24V AC
X75.28.00003	SVAV 1/2 075 E 110V AC
X75.28.00004	SVAV 1/2 075 E 220V AC

ORDERING PART NR. PNEUMATIC VERSION

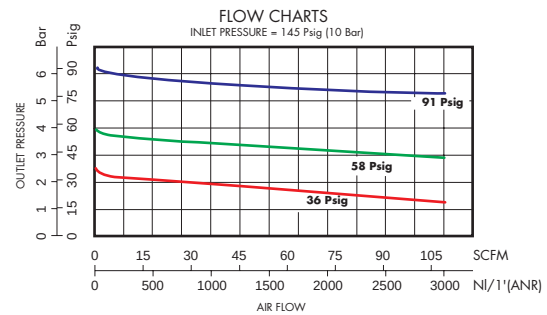
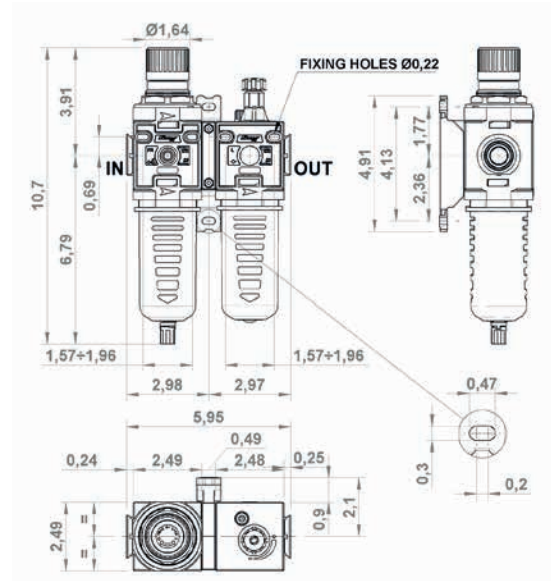
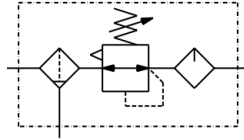
CODE	REF.
X75.28.00005	SVAV 1/2 075 P Ø4

GUIDE TO REFERENCES

SVAV 1/2" 075 E 24VDC

Product SVAV = SV+AVP	Voltage 24VDC 24VAC 110VAC 220VAC
Connection 1/2" = 1/2" NPT	Piloting E = Electric P = Pneumatic
Line 075	

LINE 075 1/2" NPT | FR + L UNITS



GENERAL FEATURES

Unit consisting of Filter regulator and Lubricator.
It combines the functions of filtering, pressure regulation and lubrication of compressed air for industrial application.
Unit featuring big flow rate and regulation sensitivity, filtration and high condensate separation.
Semiautomatic condensate drain supplied as standard (SS).
Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.
Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	77 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Max torque gauge port	88 In lb
Weight	2.04 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.16.00025	FR+L 1/2" 075 20 08 R PE SS
X75.16.00053	FR+L 1/2" 075 20 12 R PE SS
X75.16.00065	FR+L 1/2" 075 5 08 R PE SS
X75.16.00066	FR+L 1/2" 075 5 12 R PE SS
X75.16.00501	FR+L 1/2" 075 20 08 R PE SS VL
Float type automatic drain version.	
X75.16.00026	FR+L 1/2" 075 20 08 R PE SA
X75.16.00068	FR+L 1/2" 075 20 12 R PE SA
"Differential" automatic drain version.	
X75.16.00096	FR+L 1/2" 075 20 08 R PE SAD
X75.16.00097	FR+L 1/2" 075 20 12 R PE SAD

GUIDE TO REFERENCES

FR+L 1/4" 042 20 08 R PE SS

Product

FR+L = Filter regulator + Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 70 PSIG
12 = 0 - 175 PSIG



WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the the 6th digit of the part nr. for example:

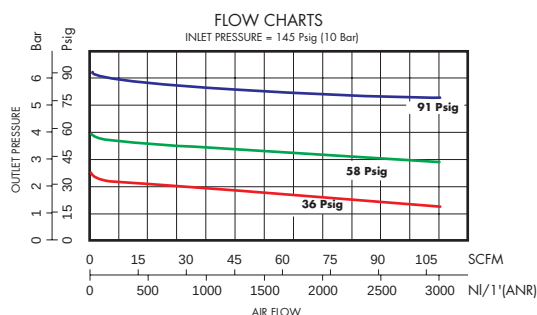
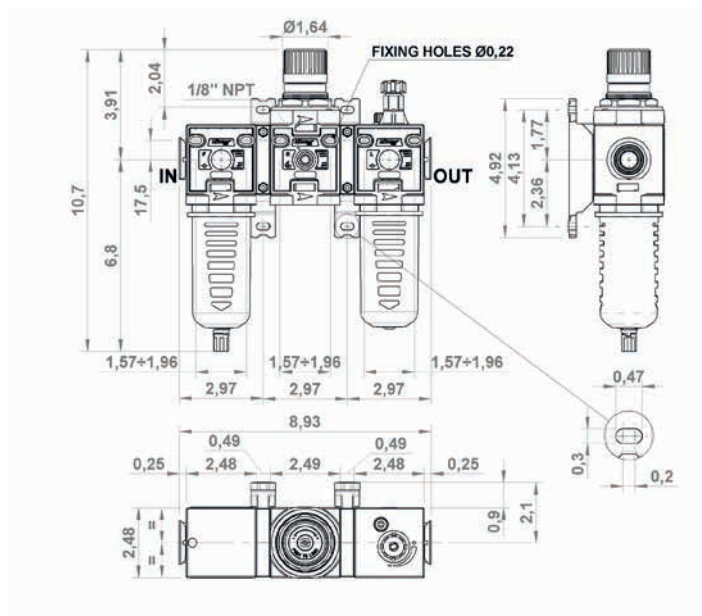
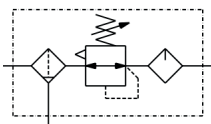
X75.16.M0025 FR+L1/2" 075 20 08R PE SS + GAUGE

LINE 075 1/2" NPT | F+R+L UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Unit consisting of Filter + Regulator + Lubricator.

It combines the functions of filtration, pressure regulation and lubrication of compressed air for industrial applications.

Set delivering a big flow rate and regulation sensitivity, filtration with high condensate separation.

It is equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential (SAD), that can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Pressure range	0-30, 0-60, 0-120, 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 91 PSIG ΔP=14.5 PSIG)	31.8 SCFM
Working temperature (at 145 PSIG)	23 - 122 °F
Max Torque IN-OUT	221 In lb
Max torque gauge port	8 In lb
Weight	2.71 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.15.00025	F+R+L 1/2" 075 20 08 R PE SS
X75.15.00041	F+R+L 1/2" 075 20 12 R PE SS
X75.15.00043	F+R+L 1/2" 075 5 08 R PE SS
X75.15.00044	F+R+L 1/2" 075 5 12 R PE SS
X75.15.00501	F+R+L 1/2" 075 20 08 R PE SS VL
Float type automatic drain version.	
X75.15.00026	F+R+L 1/2" 075 20 08 R PE SA
X75.15.00046	F+R+L 1/2" 075 20 12 R PE SA
"Differential" automatic drain version.	
X75.15.00067	F+R+L 1/2" 075 20 08 R PE SAD
X75.15.00069	F+R+L 1/2" 075 20 12 R PE SAD

GUIDE TO REFERENCES

F+R+L 1/4" 042 20 08 R PE SS

Product

F+R+L = Filter +
Regulator +
Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic
(standard)
SA = Automatic float
type
SAD = Automatic
differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line
042 only)
TC = Short transparent
(Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG

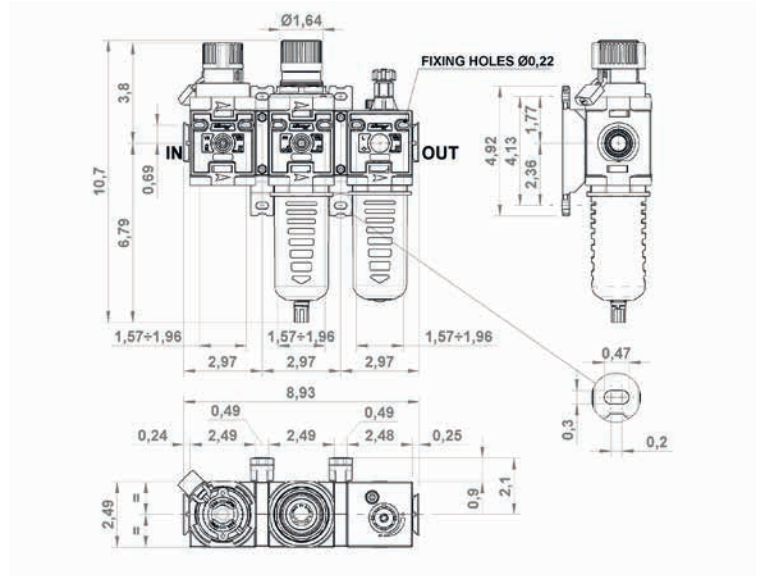
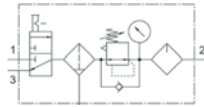


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the the 6th digit of the part nr. for example:

X75.15.M0025 F+R+L 1/2" 075 20 08R PE SS + GAUGE

LINE 075 1/2" NPT | V3+FR+L UNITS



GENERAL FEATURES

Unit consisting of 3-way Valve (V3) + Filter regulator (FR) + Lubricator (L).

It combines the function of shutting-off the system along with the filtration, pressure regulation and lubrication of compressed air for industrial applications.

Lockable V3 valve for greater safety during maintenance operations.

It is equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential (SAD), which can discharge to the outside the condensate even when the bowl is pressurized.

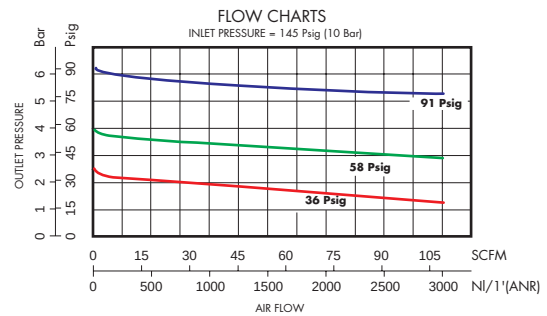
GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 91 PSIG ΔP=14.5 PSIG)	77 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Max torque gauge port	88 In lb
Weight	2.98 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.36.00025	V3+FR+L 1/2" 075 20 08 R PE SS
X75.36.00053	V3+FR+L 1/2" 075 20 12 R PE SS
X75.36.00064	V3+FR+L 1/2" 075 5 04 R PE SS
X75.36.00065	V3+FR+L 1/2" 075 5 08 R PE SS
X75.36.00066	V3+FR+L 1/2" 075 5 12 R PE SS
X75.36.00501	V3+FR+L 1/2" 075 20 08 R PE SS VL
X75.36.00505	V3+FR+L 1/2" 075 20 12 R PE SS VL
Float type automatic drain version.	
X75.36.00026	V3+FR+L 1/2" 075 20 08 R PE SA
X75.36.00068	V3+FR+L 1/2" 075 20 12 R PE SA
"Differential" automatic drain version.	
X75.36.00072	V3+FR+L 1/2" 075 20 08 R PE SAD
X75.36.00073	V3+FR+L 1/2" 075 20 12 R PE SAD



GUIDE TO REFERENCES

V3+FR+L 1/4" 042 20 08 R PE SS

Product

V3 + Filter
V3+FR+L = regulator +
Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic
(standard)
SA = Automatic
float type
SAD = Automatic
differential
S18 = Open seat
1/8 F

Tazza

TT = Transparent (Line
042 only)
TC = Short transparent
(Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG



**WOULD YOU LIKE TO ORDER
THE REGULATOR COMPLETE WITH GAUGE?**

Replace O with "M" the 6th digit of the part nr. for example:

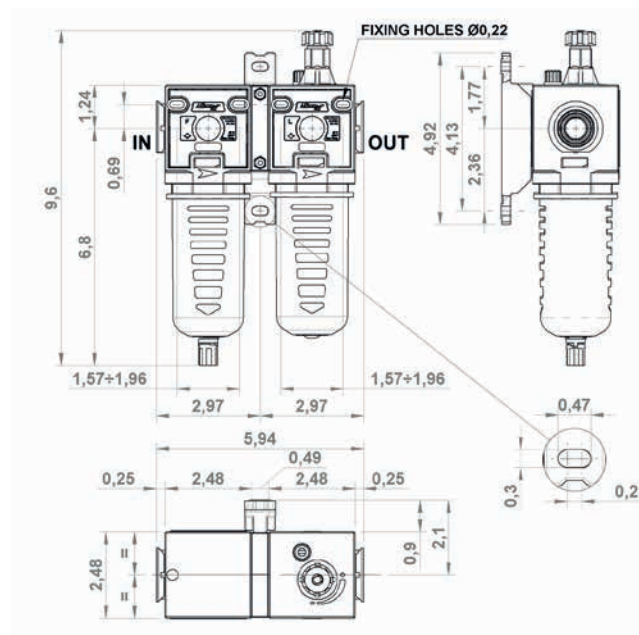
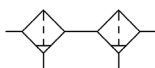
X75.36.M0025 V3+FR+L 1/2" 075 20 08 R PE SS + **GAUGE**

LINE 075 1/2" NPT | F + L UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Unit consisting of Filter and Lubricator.

It combines the functions of filtration and lubrication of compressed air for industrial applications.

Proportional oil mist lubricator ensuring a constant oil delivery over time.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure.	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate (P1= 91 PSIG ΔP=14.5 PSIG)	105 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Recommended oil viscosity	ISO VG32
Weight	1.76 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.17.00025	F+L 1/2" 075 20 PE SS
X75.17.00031	F+L 1/2" 075 5 PE SS
X75.17.00501	F+L 1/2" 075 20 PE SS VL
Float type automatic drain version.	
X75.17.00026	F+L 1/2" 075 20 PE SA
X75.17.00032	F+L 1/2" 075 5 PE SA
X75.17.00511	F+L 1/2" 075 20 PE SA VL
"Differential" automatic drain version.	
X75.17.00033	F+L 1/2" 075 20 PE SAD
X75.17.00034	F+L 1/2" 075 5 PE SAD

GUIDE TO REFERENCES

F + L 1/4" 042 20 PE SS

Product

F+L = Filter + Lubricator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Condensate Drain

SS = Semiautomatic (standard)

SA = Automatic float type

SAD = Automatic differential

S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)

TC = Short transparent (Line 042 only)

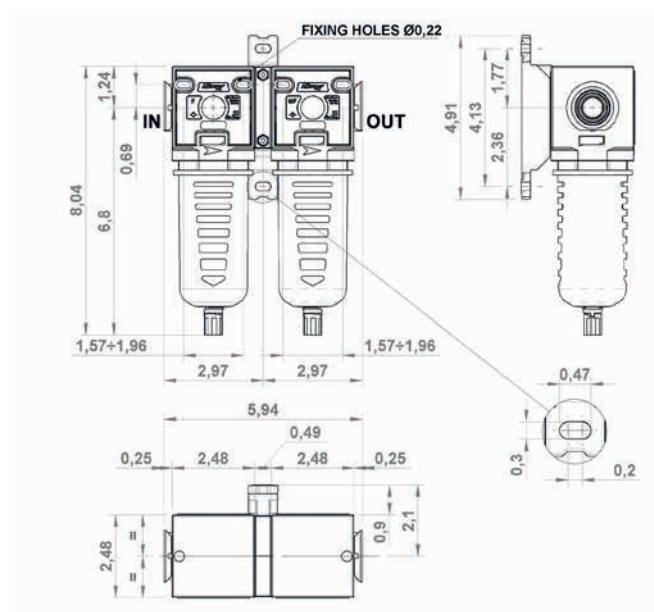
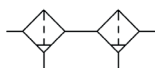
PE = With outer guard

Filtering element

5 = 5 micron

20 = 20 micron

LINE 075 1/2" NPT | F + MF UNITS



GENERAL FEATURES

Filtration set combining Filter with high condensate separation and coalescing Microfilter.

The job of the Filter is filtering solid particles and condensate separation. The job of the coalescing Microfilter is to remove oil. It is equipped with semiautomatic drain as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure.	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron
Filtering degree Microfilter	0,01 micron
Recommended max flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	105 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Weight	1.68 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.19.00001	F 1/2" 5 PE SS+MF 1/2" 075 0,01 PE SS
Float type automatic drain version.	
X75.19.00002	F 1/2" 5 PE SS+MF 1/2" 075 0,01 PE SA
"Differential" automatic drain version.	
X75.19.00004	F 1/2" 5 PE SS+MF 1/2" 075 0,01 PE SAD

GUIDE TO REFERENCES

F 1/4" 042 5 PE SS +
MF 1/4" 042 0,01 TT SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

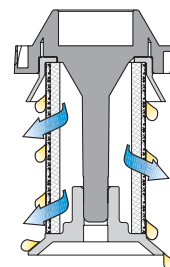
Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron

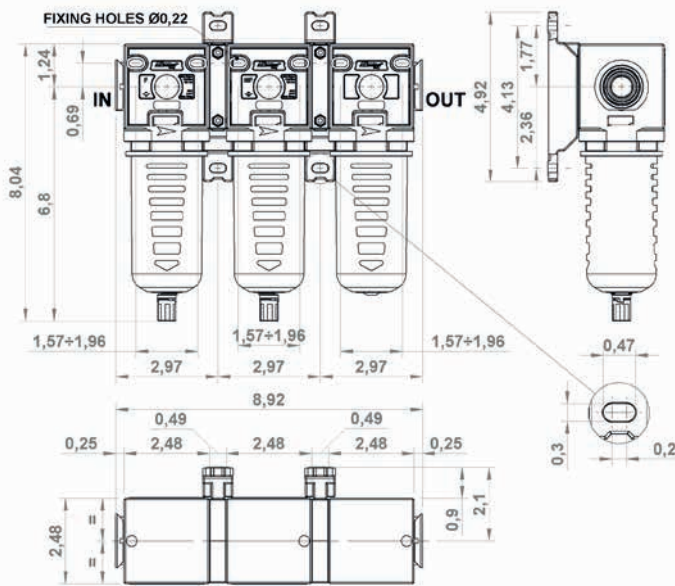
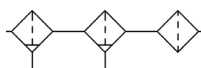
COALESCENT CARTRIDGE

FUNCTIONING

The air with impurity enter into the special cartridge with high efficiency, that stop solid particles, capture and join outside particles of oil and condensate (coalescent effect). In this way, they easily fall down at the bottom of the bowl, where condensate is discharged. Filtered air obtained is without solid and liquid parts.



LINE 075 1/2" NPT | F + MF + CF UNITS



GENERAL FEATURES

Filtration set combining Filter with high condensate separation, coalescing Microfilter and activated carbon Filter. The job of the unit is to filter solid particles and separate condensate with the Filter along with the coalescing function of the Microfilter, besides removing unpleasant smells in the air circuit aimed at the industrial sector by means of the activated carbon. It is equipped with semiautomatic drain as standard (SS) on F and MF. Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized. Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1/2" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure.	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree Filter	5 micron
Filtering degree Microfilter	0,01 micron
Activated carbon cartridge CF	
Recommended max flow rate (P1= 91 PSIG ΔP= 14.5 PSIG)	105 SCFM
Working temperature (at 145 PSIG)	23 - 122° F
Max Torque IN-OUT	1/2" - 707 In lb
Weight	2.53 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X75.18.00001	F 5 PE SS + MF 0,01 PE SS + CF PE 1/2 075
X75.18.00002	F 5 PE SS + MF 0,01 PE SA + CF PE 1/2 075

GUIDE TO REFERENCES

F 1/4" 042 5 PE SS +
MF 1/4" 042 0,01 PE SS +
CF 1/4" 042 CA PE

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT

Line

042
050
052
075
080

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

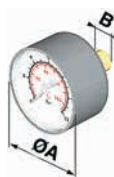
TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

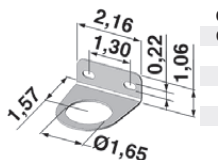
LINE 075 1/2" NPT | ACCESSORIES

GAUGE



CODE	BAR	PSIG	A	B	CH.
A38.00.00104	0-14	0-200	1.57	1/8 NPT	0.55

BRACKET



CODE
C75.01.00018

"T" BRACKET KIT LINE 075 - 080



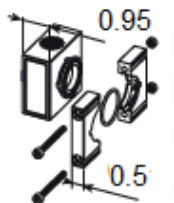
CODE
C75.06.00011

KIT ASSEMBLING UNITS



CODE	PROD.
C75.06.00001	FR+L - F+L

AIR TAKE-OFF



CODE	CONNECTION	PROD.
Air take-off		
C75.06.00003	1/4" NPT	ALL
Inlet air take-off		
C75.06.00006	1/4"- 1/2" NPT	ALL
Outlet air take-off		
C75.06.00007	1/4"- 1/2" NPT	ALL

PLUG G1/8"



CODE	PROD.
B38.00.00018	MR - MR P

LINE 075 1/2" NPT | ACCESSORIES

AIR PREPARATION

AUTOMATIC DRAIN



CODE	PROD.
C40.02.00130 SA	F - FR - MF
C42.02.00012 SAD	F - FR - MF

VALVES

MOUNTING KIT FOR AUTOMATIC DRAIN



CODE	PROD.
C40.02.00131	SA - SAD

WATER PREPARATION

LINE 075 1/2" NPT | SPARE PARTS

DIAPHRAGM KIT



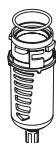
CODE	PROD.	VERSION
C75.01.00023	R - FR	RELIEVING

REGULATION SPRING



CODE	PROD.	SET REGULATION
A75.01.00030	R - FR	0-60 PSIG
A75.01.00031	R - FR	0-120 PSIG
A75.01.00032	R - FR	0-175 PSIG

BOWL FOR FILTER



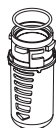
CODE	PROD.	VERSION
C75.02.00022	F - FR - MF	PE SS

BOWL WITH AUTOMATIC DRAIN



CODE	PROD.	VERSION
C75.02.00026	F - FR - MF	PE SA
C75.02.00103	F - FR - MF	PE SAD

BOWL FOR LUBRICATOR



CODE	PROD.	VERSION
C75.03.00022	IL	PE
C75.13.01000	VL	PE
C75.03.00075	IL	PE

FILTERING ELEMENT



CODE	PROD.	VERSION
C75.02.00059	F	20 MICRON
C75.02.00064	FR	20 MICRON
C75.02.00063	F	5 MICRON
C75.02.00065	FR	5 MICRON
C75.02.00061	MF	0,01 MICRON
A75.02.00036	CF	CARBON

OIL WINDOW



CODE	PROD.
C75.03.00018	L

OIL PLUG



CODE	PROD.
C75.03.00073	L

LINE 095 1" NPT | MODULAR UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Units Line 095 - 1" have been designed for delivering big flow rate with low load loss.

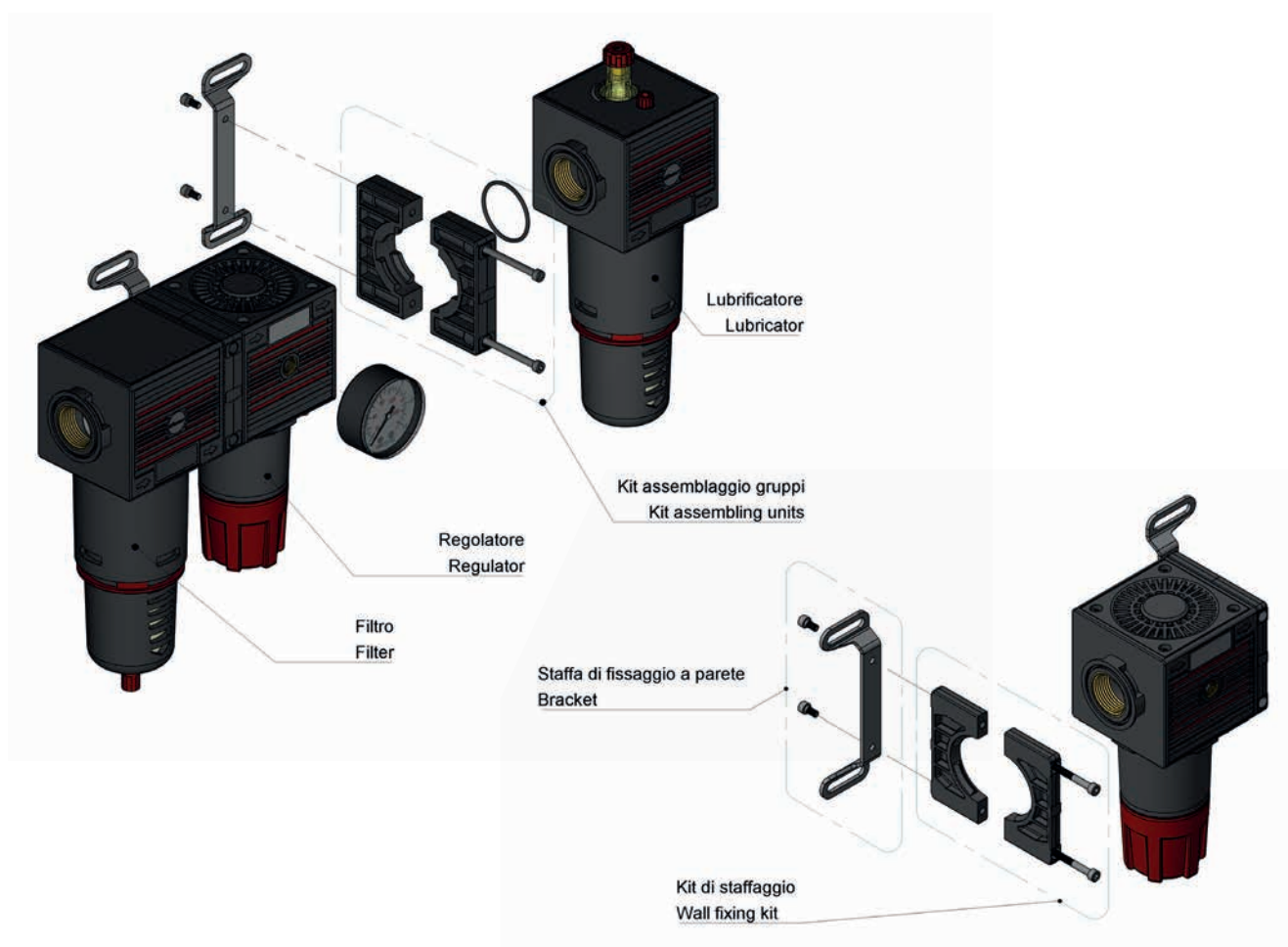
The modular concept allows obtaining a particular compactness also for these units featuring high performance.

The available modules for this Line are:

Filter
Regulator
Filter Regulator
Lubricator
FR+L
F+R+L
F+L

GENERAL TECHNICAL DATA

Fluid	compressed air
Working temperature (at 145 PSIG):	23-122° F
Connections IN-OUT	1" NPT
Assembling type	Assembling kit
Mounting position	see singol components
Wall fixing	through wall fixing kit



LINE 095 1" NPT | MODULAR UNITS

CONDENSATE DRAIN

The condensate building up within the pneumatic systems is often causing malfunctioning and expensive extraordinary maintenance. Therefore, it is of utmost importance providing a good separation operated by the filter and an effective drainage to the outside, in order to avoid an excessive piling up. Aircomp offers the opportunity to equip the filters with different types of condensate drain according to the system requirements.

SEMI-AUTOMATIC DRAIN (SS)



Semiautomatic drain is supplied as standard on all Air-comp Lines. The standard drain closes when the bowl is pressurized (min. P 7 PSIG) and opens discharging the condensate whenever the unit is depressurized.

The drain can be manually set to always "closed" modality (closed both when the bowl is pressurized and depressurized).

FLOAT TYPE AUTOMATIC DRAIN (SA)



Float type automatic drain opens even when the bowl is pressurized upon reaching a set condensate level. The excess condensate is discharged to the outside and can be conveyed connecting a drainage hose to the duct.

DIFFERENTIAL AUTOMATIC DRAIN (SAD)



Differential automatic drain opens even when the bowl is pressurized but only when there is air consumption (min. delta P = 3 PSIG) and upon reaching a set condensate level. The excess condensate is discharged to the outside. It is possible to connect a drainage hose to the duct.

OPEN 1/8 CONNECTION (S18)



The seat with female thread 1/8", available upon request, allows the connection to alternative remote open/close systems, such as exhaust solenoid valves.

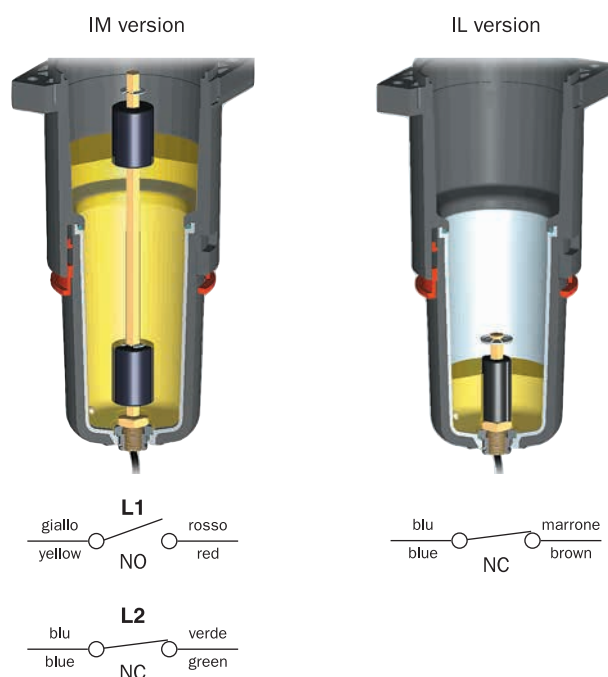
It is available also with locking pin with "manual drain" function.

LEVEL INDICATOR

LEVEL INDICATOR IN THE LUBRICATOR

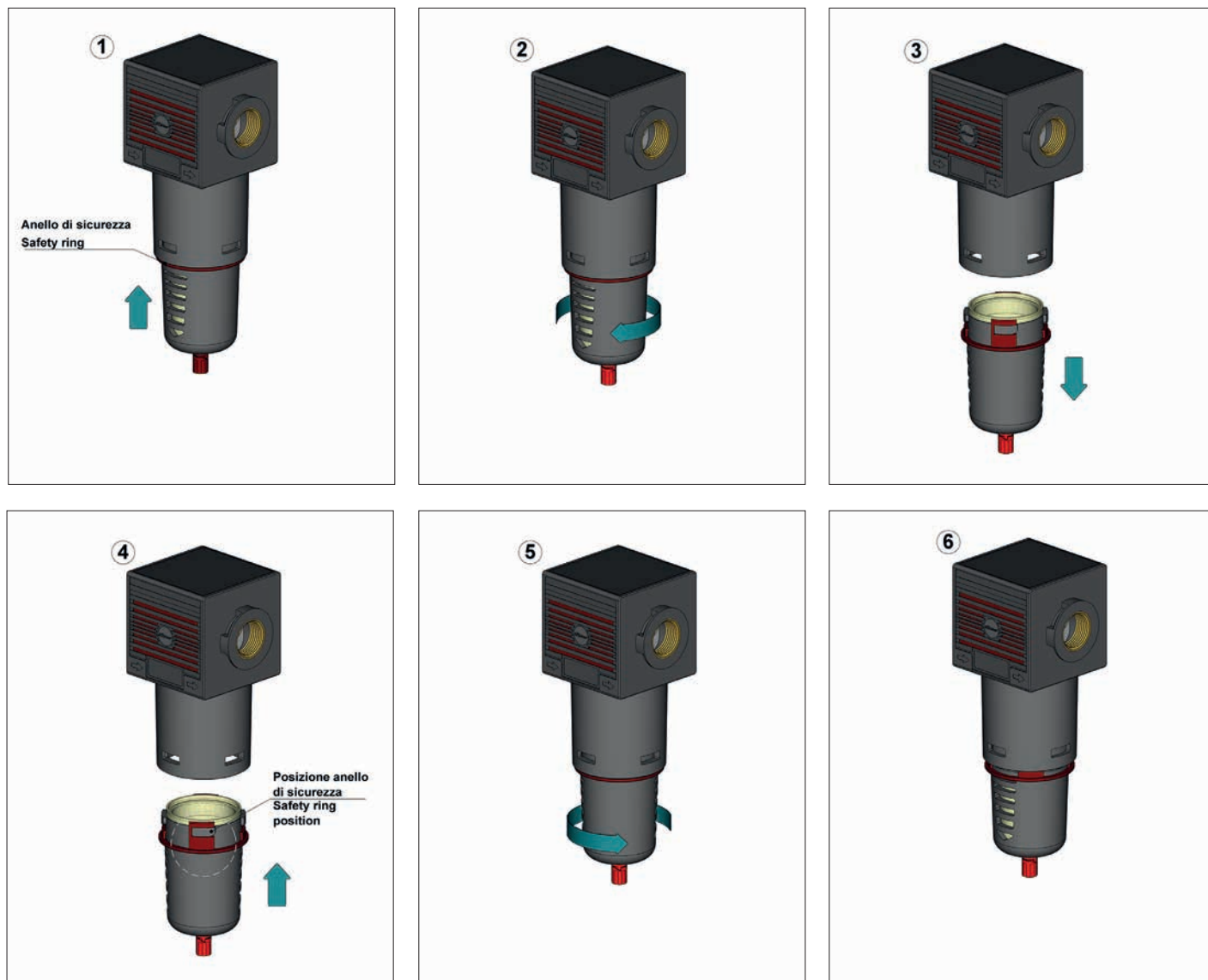
The Lubricator can be purchased also in the version with level indicator. The IL version indicates the reaching of the minimum level for being able to carry out the filling operation through the plug on the filter body. The IM version instead indicates the minimum and the maximum level. This allows having a signal both when the lubricant is used up and when the maximum level during the filling phase is reached.

For further information, please see the datasheet of the Lubricator with level indicator.



WARNING!

These products are intended for use in industrial systems only. Do not use these products where pressures and temperatures can exceed those listed under catalogue specifications. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specification, consult STAMPOTECNICA.



BOWL SAFETY RING

Bowls of Line 050, 052, 075, 080 and 095 are designed for a clip-on mounting, which enables the quick assembling and disassembling. All the bowl are equipped with a particular safety ring in order to prevent the accidental disassembly when the unit is pressurized. For disassembling the bowl, it is actually necessary carrying out three movements in a sequence:

1. Lifting the safety ring Pic. 1
2. Turning the bowl clockwise Pic. 2
3. Lowering the bowl Pic. 3

It is not possible to disassemble the bowl when the safety ring is lowered.

Movements 1. and 2., to be executed in a sequence, increase the operator's attention on the intervention he is carrying out.

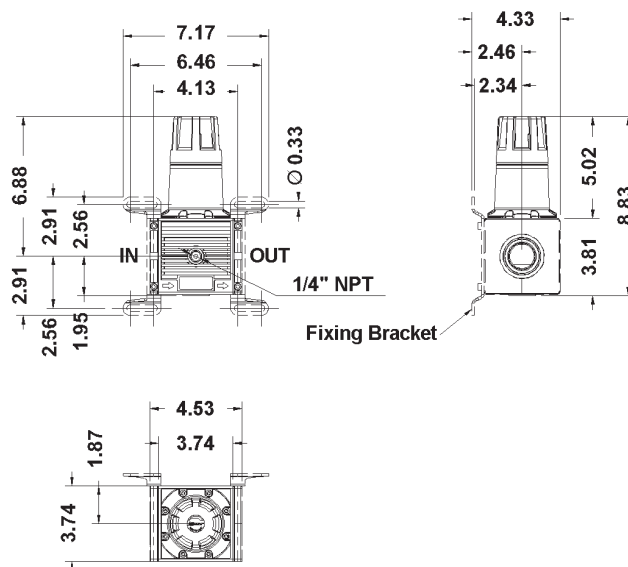
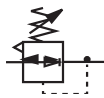


Attention: the disassembling of the bowl must always be executed when the unit is depressurized.

The bowl reassembling can be easily executed following these steps:

4. Check that the safety ring is in its correct position (on the clamping tooth) as in Pic. 4
5. Fit the bowl into the body seat and lock it turning anticlockwise Pic. 5
6. Make sure that the safety ring is brought back to the correct position Pic. 6

LINE 095 1" NPT | MODULAR REGULATORS



GENERAL FEATURES

Modular Regulator with balanced valve ensuring high performance and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with locking pressure device.

Equipped with nr. 1 plug.

GENERAL TECHNICAL DATA

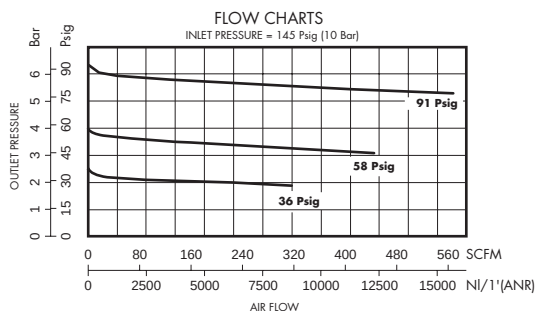
INLET-OUTLET connections	1" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Reference flow rate (P1=91 PSIG ΔP=14.5 PSIG)	530 SCFM
Working temperature (at 145 PSIG):	23-122° F
Max Torque IN-OUT	1" - 707 In lb
Max torque gauge port	88 In lb
Weight:	3.79 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X95.01.00002	R 1" 095 04 R
X95.01.00001	R 1" 095 08 R
X95.01.00003	R 1" 095 012 R

Performances data



GUIDE TO REFERENCES

R 1/4" 042 08 R LK

Product

R = Regulator

Special type

LK = Lockable

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Version

= Standard

B = For battery

Version

R = Relieving

Line

042

050

052

075

080

095

Range of pressure

04 = 0 - 60 PSIG

08 = 0 - 120 PSIG

12 = 0 - 175 PSIG

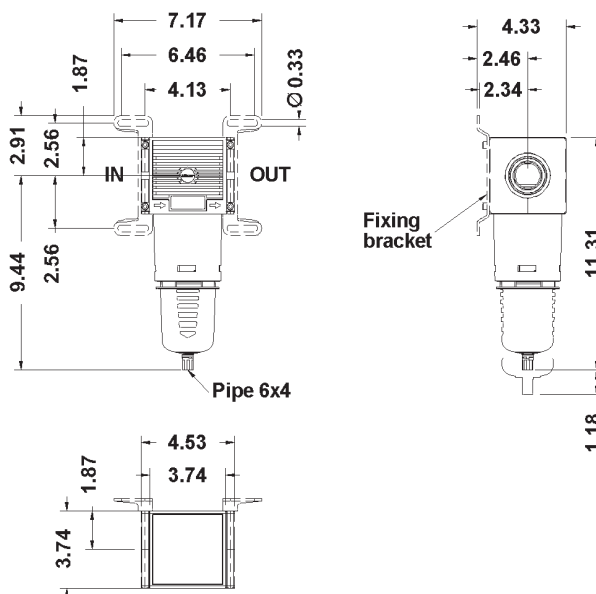


WOULD YOU LIKE TO ORDER
THE REGULATOR COMPLETE WITH GAUGE?

Replace O with "M" the 6th digit of the part nr. for example:

X95.01.00002 R 1" 095 04 R + GAUGE

LINE 095 1" NPT | MODULAR FILTERS



GENERAL FEATURES

Modular filter delivering high degree of condensate separation and low load loss.

It can be wall mounted through the relevant wall fixing kit.

Equipped with semiautomatic condensate drain as standard (SS).

Available options: float type automatic drain (SA) and differential (SAD), which can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

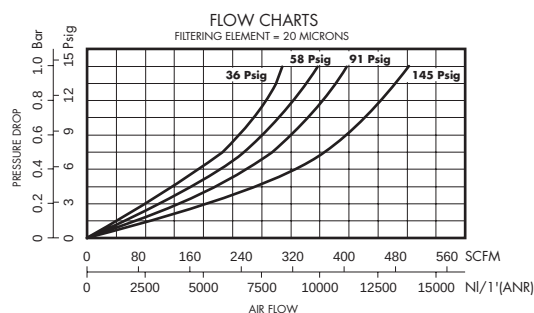
INLET-OUTLET connections	1"NPT
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate	(P1= 145 PSIG ΔP= 14.5 PSIG) : 487 SCFM
Working temperature (at 145 PSIG)	23 - 122 F°
Bowl capacity	6.7 Oz
Max Torque IN-OUT	1" - 707 In lb
Weight	2.63 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X95.02.00001	F 1" 095 20 PE SS
X95.02.00002	F 1" 095 5 PE SS
Float type automatic drain version.	
X95.02.00003	F 1" 095 20 PE SA
X95.02.00004	F 1" 095 5 PE SA
"Differential" automatic drain version.	
X95.02.00007	F 1" 095 20 PE SAD
X95.02.00008	F 1" 095 5 PE SAD

Performances data



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

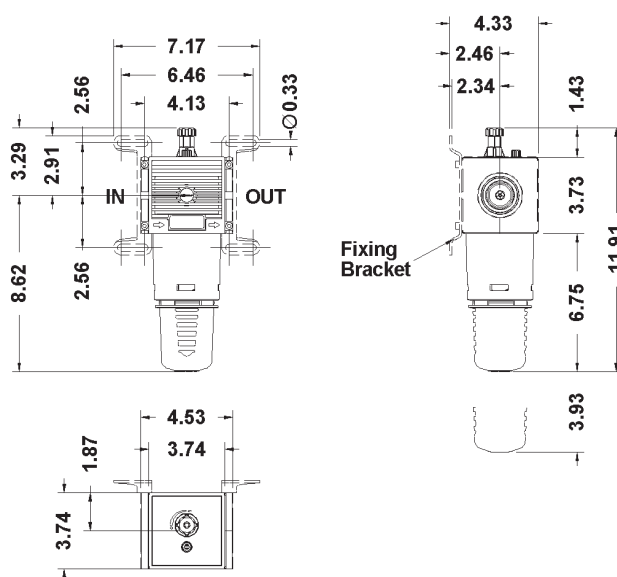
Tazza

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

WATER PREPARATION

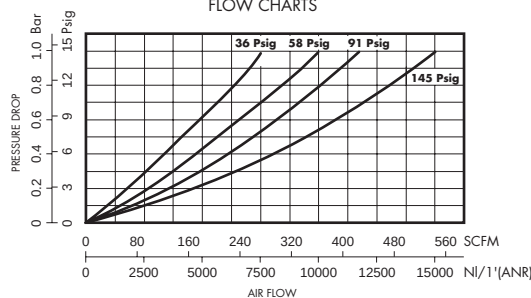


Bowl made from hardened polyamide with outer guard.

Below 37°F the air of the circuit must be free from humidity

X95.03.00001	L 1" 095 PE
---------------------	-------------

FLOW CHARTS



L 1/4" 042 PE

Product

- L** = Lubricator

Connection

- 1/4"** = 1/4" NPT
- 3/8"** = 3/8" NPT
- 1/2"** = 1/2" NPT
- 3/4"** = 3/4" NPT
- 1"** = 1" NPT

Line

- 042**
- 050**
- 052**
- 075**
- 080**
- 095**

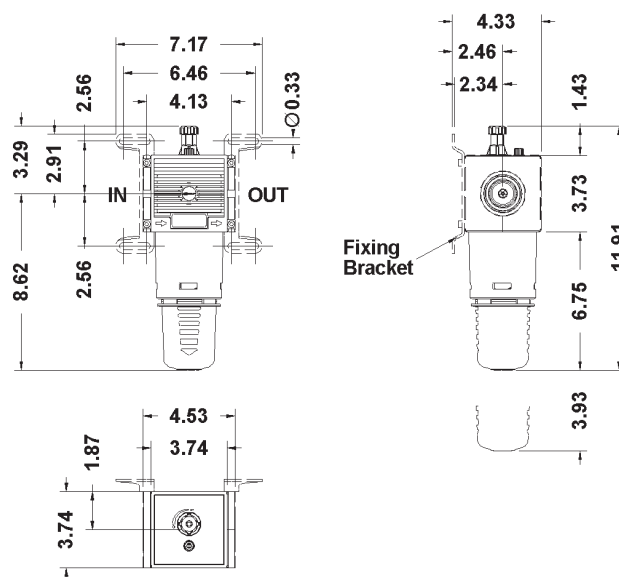
Version

- = Standard
- VL** = Vacuum filling
- IL** = Min Level indicator
- IM** = Max/Min Level indicator (Line 095 only)

Bowl

- TT** = Transparent (Line 042 only)
- TC** = Short transparent (Line 042 only)
- PE** = With outer guard

LINE 095 1" NPT | LUBRICATORS WITH LEVEL INDICATOR



GENERAL FEATURES

Lubricator equipped with float type level indicator, emitting an electric signal able to control light indicators or acoustic alarms upon reaching the minimum level.

The Lubricator is available in 2 versions:

IL - with level indicator emitting a signal when the minimum level is reached

IM - with indicator emitting a signal when both the minimum and maximum level are reached.

It can be wall mounted through the relevant wall fixing kit.

GENERAL TECHNICAL DATA

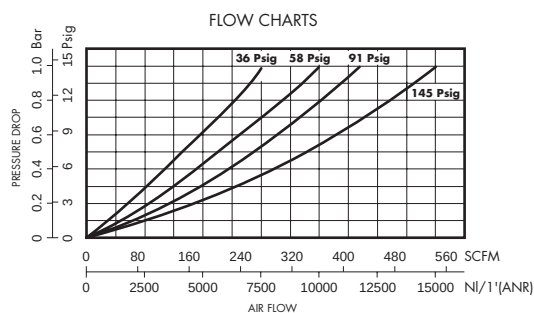
INLET-OUTLET connections	1" NPT
Maximum inlet pressure	101 PSIG
Maximum voltage	100 V AC
Electric contact	0,75 A 10W Protection IP 65
Bowl capacity	14.8 Oz
Recommended oil viscosity	ISO VG32
Reference flow rate	(P=91 PSIG ΔP=14.5 PSIG) 417 SCFM
Working temperature (at 101 PSIG)	23°-122° F
Max Torque IN-OUT	1" - 707 In lb
Weight	2.63 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X95.03.00002	L 1" 095 PE IL
X95.03.00003	L 1" 095 PE IM

Performances data



GUIDE TO REFERENCES

L 1/4" 042 PE

Product

L = Lubricator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Version

= Standard

VL = Vacuum filling

IL = Min Level indicator

IM = Max/Min Level indicator (Line 095 only)

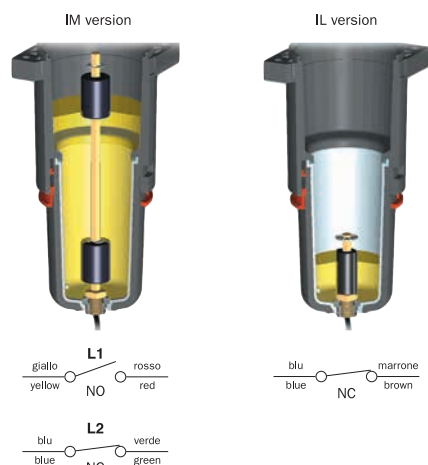
Bowl

TT = Transparent (Line 042 only)

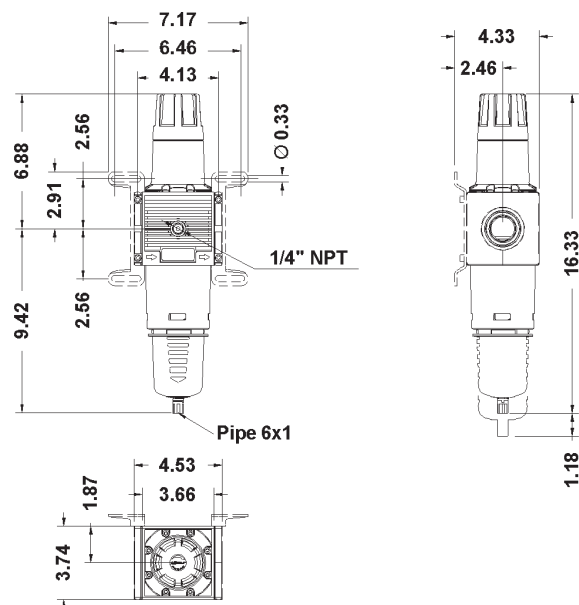
TC = Short transparent (Line 042 only)

PE = With outer guard

LEVEL INDICATOR



LINE 095 1" NPT | FILTER REGULATORS



GENERAL FEATURES

High performance modular filter regulator ensuring big flow rate and low load loss.

Relieving for a quick exhaust of the downstream overpressure.

Knob with locking pressure device.

Equipped with semiautomatic condensate drain as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

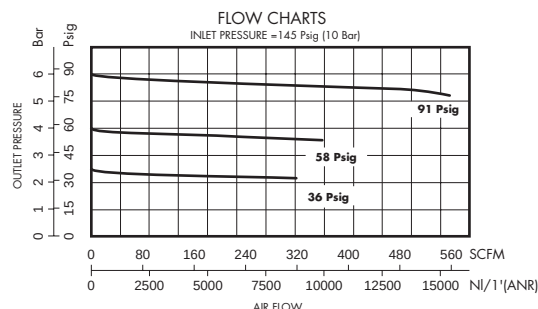
INLET-OUTLET connections	1" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate	(P1= 91 PSIG ΔP= 14.5 PSIG) : 487 SCFM
Working temperature (at 145 PSIG):	23-122° F
Max Torque IN-OUT	1" - 707 In lb
Max torque gauge port	88 In lb
Bowl capacity	6.7 Oz
Weight	4.54 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X95.04.00002	FR 1" 095 20 04 R PE SS
X95.04.00001	FR 1" 095 20 08 R PE SS
X95.04.00003	FR 1" 095 20 12 R PE SS
X95.04.00005	FR 1" 095 5 04 R PE SS
X95.04.00004	FR 1" 095 5 08 R PE SS
X95.04.00006	FR 1" 095 5 12 R PE SS
Float type automatic drain version.	
X95.04.00007	FR 1" 095 20 08 R PE SA
X95.04.00009	FR 1" 095 20 12 R PE SA
"Differential" automatic drain version.	
X95.04.00014	FR 1" 095 20 08 R PE SAD
X95.04.00015	FR 1" 095 20 12 R PE SAD
X95.04.00016	FR 1" 095 5 08 R PE SAD
X95.04.00017	FR 1" 095 5 12 R PE SAD

Performances data



GUIDE TO REFERENCES

FR 1/4" 042 20 08 R PE SS

Product
FR = Filter regulator

Connection
1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line
042
050
052
075
080
095

Filtering element
5 = 5 micron
20 = 20 micron

Condensate Drain
SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Tazza
TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version
R = Relieving

Range of pressure
04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG

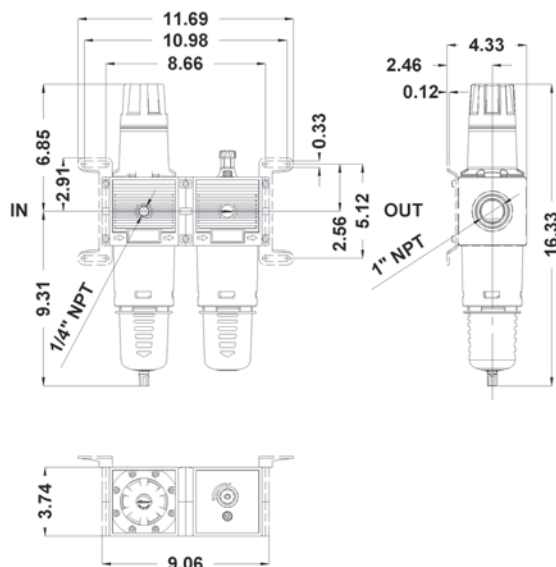
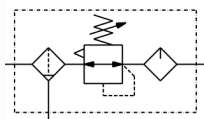


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the 6th digit of the part nr. for example:

X95.04.00002 FR 1" 095 20 04 R PE SS + GAUGE

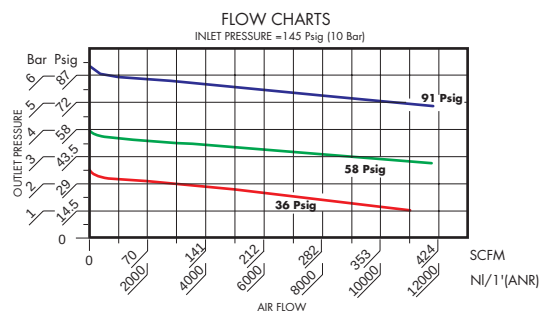
LINE 095 1" NPT | FR+L UNITS



GENERAL FEATURES

Unit consisting of Filter regulator and Lubricator.
It combines the functions of filtering, pressure regulation and lubrication of compressed air for industrial application.
Unit featuring big flow rate and regulation sensitivity, filtration and high condensate separation.
Semiautomatic condensate drain supplied as standard (SS).
Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.
Bowl made from hardened polyamide with outer guard.

Performances data



GENERAL TECHNICAL DATA

INLET-OUTLET connections	1" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtration degree	5 micron; 20 micron
Reference flow rate	(P1= 91 PSIG ΔP= 14.5 PSIG) : 285 SCFM
Working temperature (at 145 PSIG)	23-122° F
Max Torque IN-OUT	1" - 707 In lb
Max torque gauge port	88 In lb
Weight	7.5 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X95.06.00002	FR+L 1" 095 20 04 R PE SS
X95.06.00001	FR+L 1" 095 20 08 R PE SS
X95.06.00003	FR+L 1" 095 20 12 R PE SS
X95.06.00005	FR+L 1" 095 5 04 R PE SS
X95.06.00004	FR+L 1" 095 5 08 R PE SS
X95.06.00006	FR+L 1" 095 5 12 R PE SS
Float type automatic drain version.	
X95.06.00007	FR+L 1" 095 20 08 R PE SA
X95.06.00009	FR+L 1" 095 20 12 R PE SA
"Differential" automatic drain version.	
X95.06.00013	FR+L 1" 095 20 08 R PE SAD
X95.06.00014	FR+L 1" 095 20 12 R PE SAD

GUIDE TO REFERENCES

FR+L 1/4" 042 20 08 R PE SS

Product

FR+L = Filter regulator + Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtration element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 70 PSIG
12 = 0 - 175 PSIG

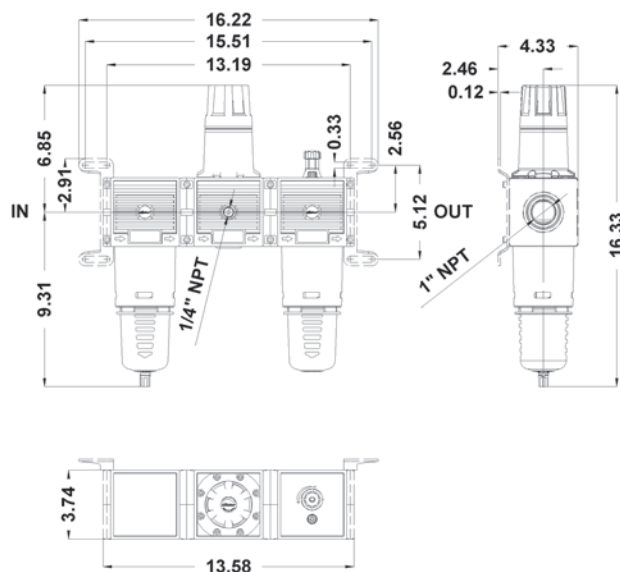
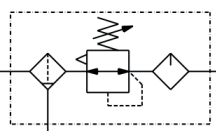


WOULD YOU LIKE TO ORDER THE REGULATOR COMPLETE WITH GAUGE?

Replace 0 with "M" the 6th digit of the part nr. for example:

X95.06.00002 FR+L 1" 095 20 04 R PE SS + **GAUGE**

LINE 095 1" NPT | F+R+L UNITS



GENERAL FEATURES

Unit consisting of Filter + Regulator + Lubricator.

It combines the functions of filtering, pressure regulation and lubrication of compressed air for industrial application.

Unit featuring big flow rate and regulation sensitivity, filtration and high condensate separation.

Semiautomatic condensate drain supplied as standard (SS).

Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to the outside even when the bowl is pressurized.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

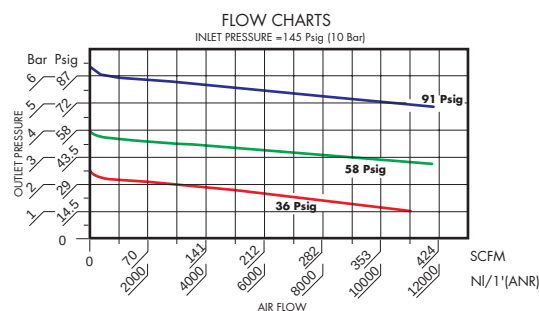
INLET-OUTLET connections	1" NPT
Pressure range	0-60; 0-120; 0-175 PSIG
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate	(P1= 91 PSIG ΔP= 14.5 PSIG) : 285 SCFM
Working temperature (at 145 PSIG):	23-122° F
Max Torque IN-OUT	1" - 707 In lb
Max torque gauge port	88 In lb
Weight	9.8M lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X95.05.00002	F+R+L 1" 095 20 04 R PE SS
X95.05.00001	F+R+L 1" 095 20 08 R PE SS
X95.05.00003	F+R+L 1" 095 20 12 R PE SS
X95.05.00005	F+R+L 1" 095 5 04 R PE SS
X95.05.00004	F+R+L 1" 095 5 08 R PE SS
X95.05.00006	F+R+L 1" 095 5 12 R PE SS
Float type automatic drain version.	
X95.05.00007	F+R+L 1" 095 20 08 R PE SA
X95.05.00009	F+R+L 1" 095 20 12 R PE SA
"Differential" automatic drain version.	
X95.05.00013	F+R+L 1" 095 20 08 R PE SAD
X95.05.00014	F+R+L 1" 095 20 12 R PE SAD

Performances data



GUIDE TO REFERENCES

F+R+L 1/4" 042 20 08 R PE SS

Product

F+R+L = Filter +
Regulator +
Lubricator

Connection

1/4" = 1/4" NPT
3/8" = 3/8" NPT
1/2" = 1/2" NPT
3/4" = 3/4" NPT
1" = 1" NPT

Line

042
050
052
075
080
095

Filtering element

5 = 5 micron
20 = 20 micron

Condensate Drain

SS = Semiautomatic
(standard)
SA = Automatic float
type
SAD = Automatic
differential
S18 = Open seat 1/8 F

Tazza

TT = Transparent (Line
042 only)
TC = Short transparent
(Line 042 only)
PE = With outer guard

Version

R = Relieving

Range of pressure

04 = 0 - 60 PSIG
08 = 0 - 120 PSIG
12 = 0 - 175 PSIG



**WOULD YOU LIKE TO ORDER
THE REGULATOR COMPLETE WITH GAUGE?**

Replace 0 with "M" the 6th digit of the part nr. for example:

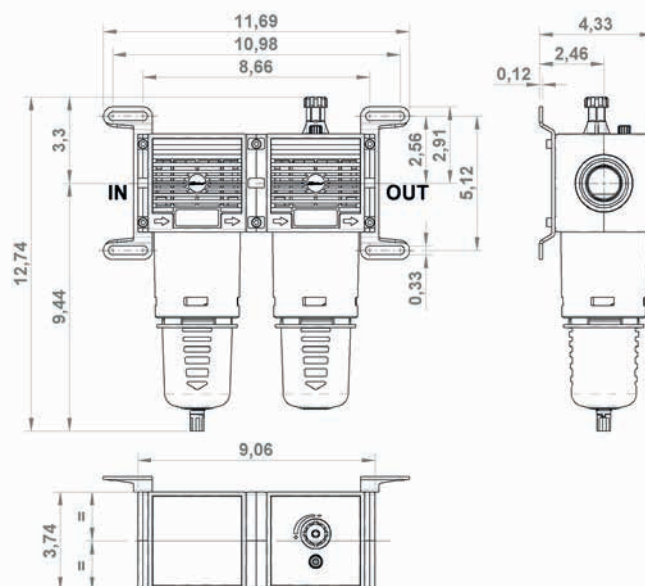
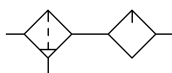
X95.05.M0002 F+R+L 1" 095 20 04 R PE SS + **GAUGE**

LINE 095 1" NPT | F+L UNITS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Unit consisting of Filter and Lubricator.

It combines the function of filtration and lubrication of compressed air for industrial applications.

Proportional oil-mist lubricator ensuring a constant oil delivery over time.

Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	1" NPT
Working pressure	7-180 PSIG
Auto Drain working pressure	model SA: 21-145 PSIG model SAD: 29-175 PSIG
Filtering degree	5 micron; 20 micron
Reference flow rate	(P1= 145 PSIG ΔP= 14.5 PSIG) : 487 SCFM
Working temperature (at 145 PSIG):	23-122° F
Max Torque IN-OUT	1" - 707 In lb
Recommended oil viscosity	ISO VG32
Weight	5.40 lb

Below 37°F the air of the circuit must be free from humidity

ORDERING CODE

CODE	REF.
X95.07.00001	F+L 1" 095 20 PE SS
X95.07.00002	F+L 1" 095 5 PE SS
Float type automatic drain version.	
X95.07.00003	F+L 1" 095 20 PE SA
X95.07.00004	F+L 1" 095 5 PE SA
"Differential" automatic drain version.	
X95.07.00005	F+L 1" 095 20 PE SAD
X95.07.00006	F+L 1" 095 5 PE SAD

GUIDE TO REFERENCES

F + L 1/4" 042 20 PE SS

Product

F+L = Filter + Lubricator

Connection

1/4" = 1/4" NPT

3/8" = 3/8" NPT

1/2" = 1/2" NPT

3/4" = 3/4" NPT

1" = 1" NPT

Line

042

050

052

075

080

095

Condensate Drain

SS = Semiautomatic (standard)

SA = Automatic float type

SAD = Automatic differential

S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)

TC = Short transparent (Line 042 only)

PE = With outer guard

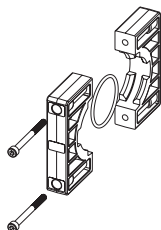
Filtering element

5 = 5 micron

20 = 20 micron

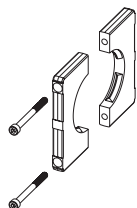
LINE 095 1" NPT | ACCESSORIES

KIT ASSEMBLING UNITS



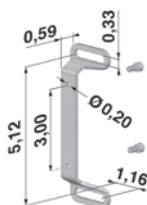
CODE	PRODUCT
C95.05.00001	F+R+L
C95.06.00001	FR+L - F+L

WALL FIXING KIT



CODE	PRODUCT
C95.01.00015	R - F - L - FR

BRACKET



CODE
C95.01.00018

AUTOMATIC DRAIN



CODE	PRODUCT
C40.02.00130 SA	F - FR
C42.02.00012 SAD	F - FR

MOUNTING KIT FOR AUTOMATIC DRAIN



CODE	PRODUCT
C40.02.00131	SA - SAD

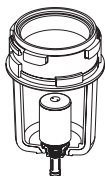
LINE 095 1" NPT | SPARE PARTS

BOWL FOR FILTER



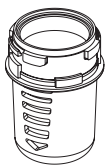
CODE	PRODUCT	VERSION
C95.02.00005	F - FR	PE SS

BOWL WITH AUTOMATIC DRAIN



CODE	PRODUCT	VERSION
C95.02.00006	F - FR	PE SA
C95.02.00019	F - FR	PE SAD

BOWL FOR LUBRICATOR

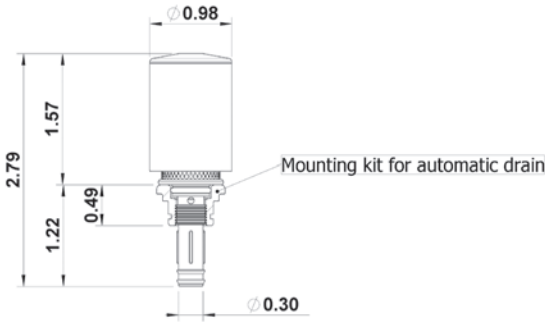


CODE	PRODUCT	VERSION
C95.03.00004	L	PE
C95.03.00007	IL	PE

FILTERING ELEMENT



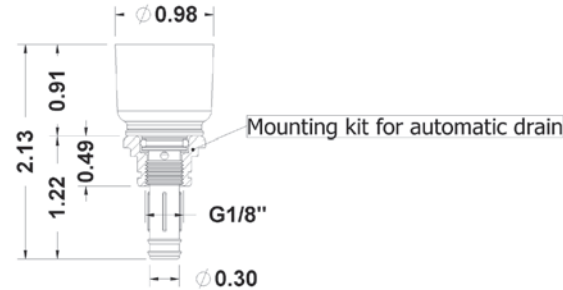
CODE	PRODUCT	VERSION
A95.02.00006	F - FR	20 MICRON
A95.02.00007	F - FR	5 MICRON



SA - AUTOMATIC DRAIN
"SA" automatic drain allows draining condensate inside the bowl, both when it is pressurized and depressurized.
The float type functioning allows draining the condensate, that has built up inside the bowl, upon reaching the preset level.
"SA" drain can be assembled on all AIRCOMP Lines (042, 050, 052, 075, 080 and 095) by means of its proper kit.

GENERAL TECHNICAL DATA	
Minimum working pressure	21 PSIG
Maximum pressure	145 PSIG

ORDERING CODE	
CODE	REF.
C40.02.00130	automatic drain "SA"
C40.02.00131	Assembling kit



SAD - DIFFERENTIAL DRAIN
"SAD" drain allows draining condensate inside the bowl, both when it is pressurized and depressurized.
The differential type of functioning allows draining the condensate, that has built up inside the bowl, upon reaching the preset level.

GENERAL TECHNICAL DATA	
Minimum working pressure	29 PSIG
Maximum pressure	175 PSIG
Δp minimo	3 PSIG
Minimum flow rate	1 SCFM

ORDERING CODE	
CODE	REF.
C42.02.00012	differential automatic drain "SAD"
C40.02.00131	Assembling kit



VALVES INDEX

SOLENOID AND PNEUMATIC VALVES

LINE 121.....	2.2
LINE 126	2.9
LINE 127	2.17

VALVES FOR PANEL MOUNTING ACTUATORS

LINE 100-121-126-127	2.26
LINE 100	2.29
LINE 121.....	2.30
LINE 126	2.31
LINE 127	2.32

MANUAL VALVES

LINE 100	2.34
LINE 121.....	2.37
LINE 126	2.43
LINE 127	2.48

MECHANICAL VALVES

LINE 100	2.54
LINE 121.....	2.59
LINE 127	2.68

LINE 121 1/8" NPT | SOLENOID AND PNEUMATIC VALVES



GENERAL FEATURES

Construction	spool valve
Body size	0.86 in
Body material	technopolymer
Single use	YES
Manifold use	NO
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	1/8" NPT
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 23.6 SCFM, 5/3= 19.4 SCFM, 3/2= 24.3 SCFM

GUIDE TO REFERENCES

EV 1/8" 22 3 SL PM NC P

Product

EV = Solenoid valves
VP = Pneumatic valves

Connection

1/8" = 1/8" NPT

Size

22 = 0.86 in

Function

3 = 3/2
5 = 5/2
6 = 5/3

Material

P = Technopolymer

Option

NC = Normally closed
NO = Normally opened
CC = Closed centres
CA = Opened centres
CP = Pressure centres
OO = 5/2

Return

PM = Pneum. mech. spring
BS = Bistable
DF = Differential
ML = Spring

Operation

PN = Pneumatic
SL = Solenoid
SA = Assisted solenoid with M5

HOW ORDERING A SOLENOID VALVE WITH COIL:

Step 1. Choose the valve without coil

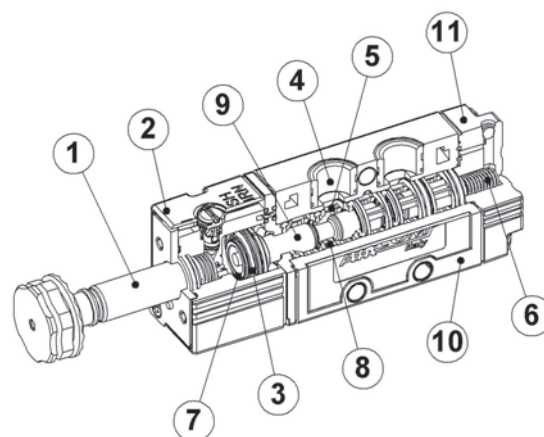
Example of a valve without coil: art. 1212125001 ref. EV 1/8" 22 5 SL PM OO P

Step 2. Replace the 8th digit with the number corresponding to the required voltage

1 2 1 2 1 2 5 0 1

0 = Valve without coil
1 = 12V DC
2 = 24V DC
6 = 24V AC
7 = 110V AC
8 = 220V AC

Example of valve with coil: art. 1212125201 ref. EV 1/8" 22 5 SL PM OO P 24VDC



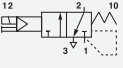
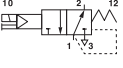
USED MATERIALS

- | | |
|---|---|
| 1. Operator - Brass, Stainless steel | 7. Piston - POM |
| 2. Operator body - POM | 8. Gasket - NBR |
| 3. Piston gasket - NBR | 9. Spool - Nickel Plated Aluminium |
| 4. Insert - Brass | 10. Body valve - PBT+FV |
| 5. Spacers - Brass | 11. Base command - PA+FV |
| 6. Spring - Stainless steel | |

LINE 121 EV 1/8" NPT | SOLENOID VALVES

3/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
 1212123001	EV 1/8" 22 3 SL PM NC P
 1212123002	EV 1/8" 22 3 SL PM NO P

TECHNICAL DATA

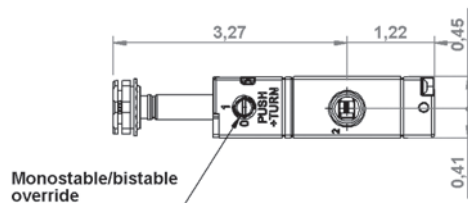
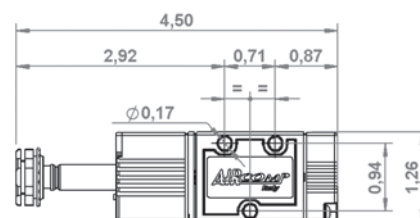
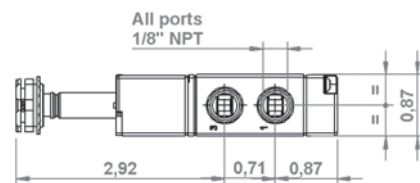
Working pressure 14.5-145 PSIG

Voltage 12V DC, 24V AC, 110V AC, 220V AC

Manual override mono bistable

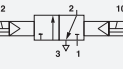
Weight 0.18 lb

Coil is supplied separately page 2.25



3/2 DOUBLE SOLENOID VALVES



CODE	REFERENCES
 1212123003	EV 1/8" 22 3 SL BS OO P

TECHNICAL DATA

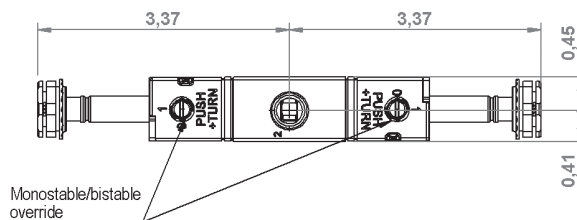
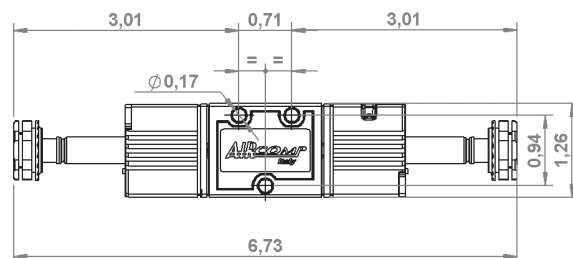
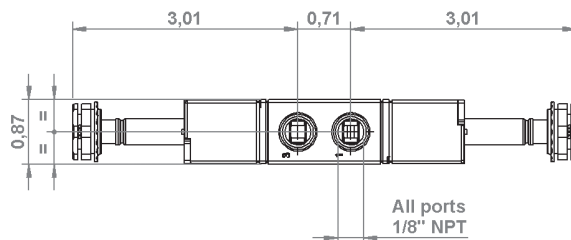
Working pressure 14.5 PSIG - 145 PSIG

Voltage 12V DC, 24V AC, 110V AC, 220V AC

Manual override mono bistable

Weight 0.22 lb

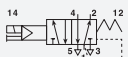
Coil is supplied separately page 2.25



LINE 121 EV 1/8" NPT | SOLENOID VALVES

5/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
 1212125001	EV 1/8" 22 5 SL PM OO P

TECHNICAL DATA

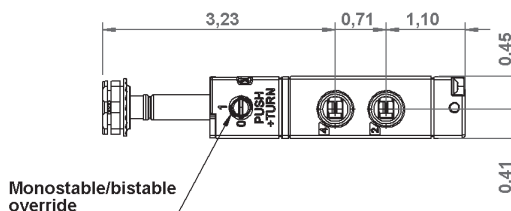
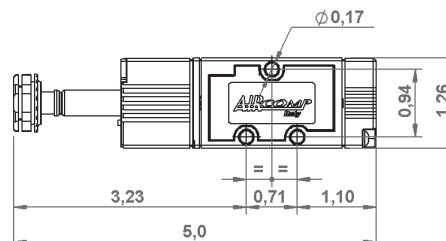
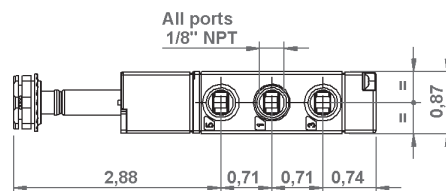
Working pressure 14.5-145 PSIG

Voltage 12V DC, 24V AC, 110V AC, 220V AC

Manual override mono - bistable

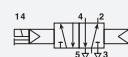
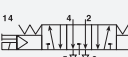
Weight 0.19 lb

Coil is supplied separately page 2.25



5/2 - 5/3 DOUBLE SOLENOID VALVES



CODE	REFERENCES
 1212125002	EV 1/8" 22 5 SL BS OO P
 1212126001	EV 1/8" 22 6 SL RC CC P
 1212126002	EV 1/8" 22 6 SL RC CA P
 1212126003	EV 1/8" 22 6 SL RC CP P

TECHNICAL DATA

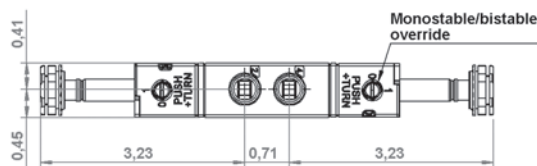
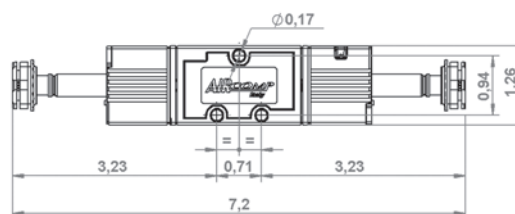
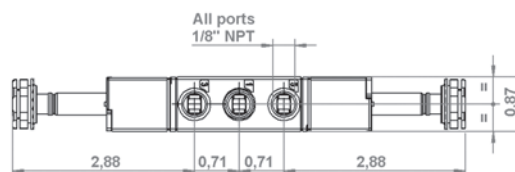
Working pressure (5/2 - 5/3) 5/2= 7-145 PSIG
5/3= 29-145 PSIG

Voltage 12V DC, 24V AC, 110V AC, 220V AC

Manual override mono - bistable

Weight 0.23 lb

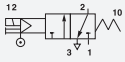
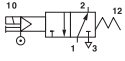
Coil is supplied separately page 2.25



LINE 121 EV 1/8" NPT | SOLENOID VALVES

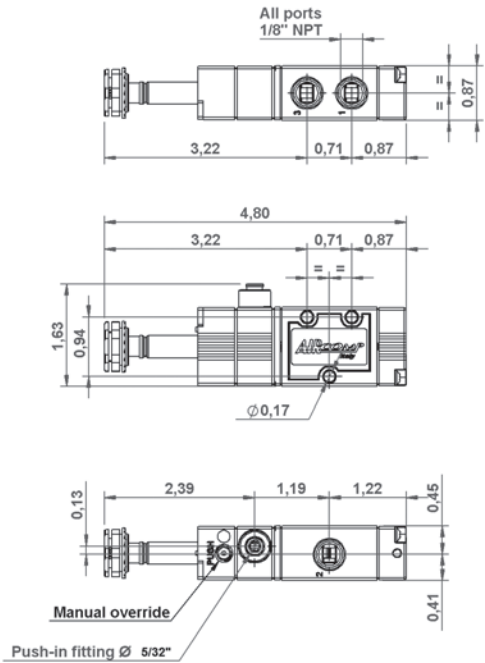
PILOT ASSISTED 3/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
 1212123004	EV 1/8" 22 3 SA ML NC P
 1212123005	EV 1/8" 22 3 SA ML NO P

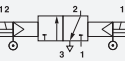
TECHNICAL DATA

Working pressure	0-145 PSIG
Pressure separate air supply	14.5 -145 PSIG
Voltage	12V DC, 24V AC, 110V AC, 220V AC
Manual override	monostable
Weight	0.18 lb
Coil is supplied separately page 2.25	



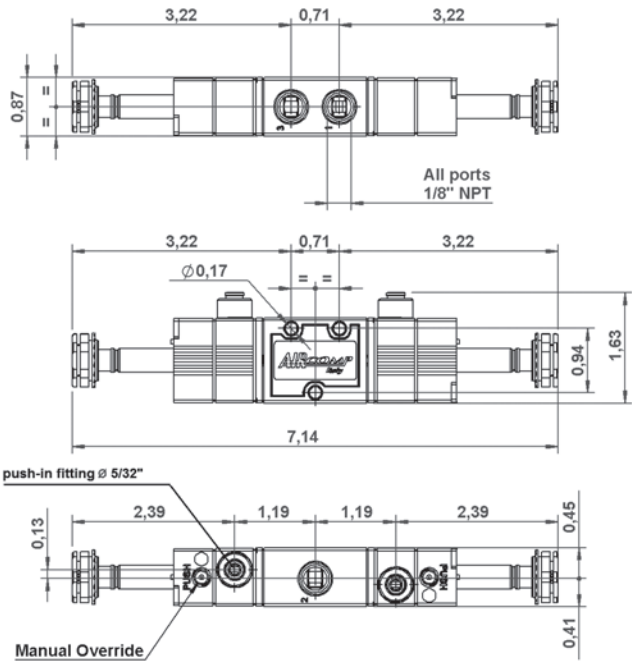
PILOT ASSISTED 3/2 DOUBLE SOLENOID VALVES



CODE	REFERENCES
 1212123006	EV 1/8" 22 3 SA BS OO P

TECHNICAL DATA

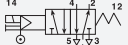
Working pressure	0-145 PSIG
Pressure separate air supply	7-145 PSIG
Voltage	12V DC, 24V AC, 110V AC, 220V AC
Manual override	monostable
Weight	0.23 lb
Coil is supplied separately page 2.25	



LINE 121 EV 1/8" NPT | SOLENOID VALVES

PILOT ASSISTED 5/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
 1212125003	EV 1/8" 22 5 SA ML 00 P

TECHNICAL DATA

Working pressure 0-145 PSIG

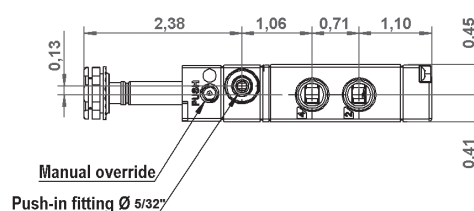
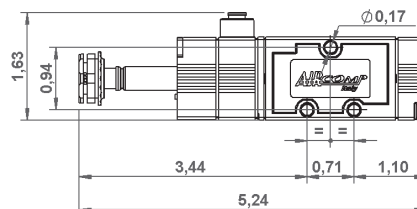
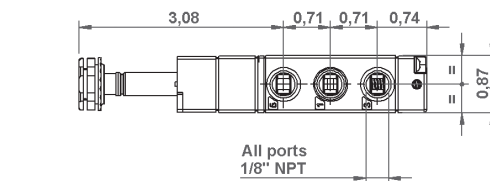
Pressure separate air supply 14.5-145 PSIG

Voltage 12V DC, 24V AC, 110V AC, 220V AC

Manual override monostable

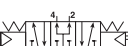
Weight 0.19 lb

Coil is supplied separately page 2.25



PILOT ASSISTED 5/2 - 5/3 DOUBLE SOLENOID VALVES



CODE	REFERENCES
 1212125004	EV 1/8" 22 5 SA BS 00 P
 1212126004	EV 1/8" 22 6 SA RC CC P
 1212126005	EV 1/8" 22 6 SA RC CA P
 1212126006	EV 1/8" 22 6 SA RC CP P

TECHNICAL DATA

Working pressure 0-145 PSIG

Pressure separate air supply

5/2= 7-145 PSIG

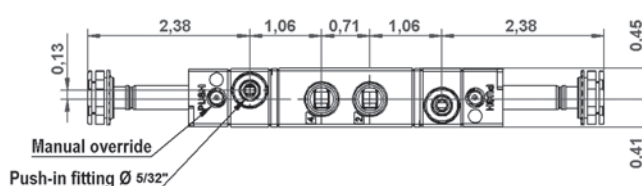
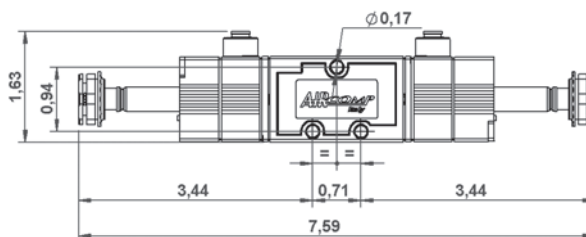
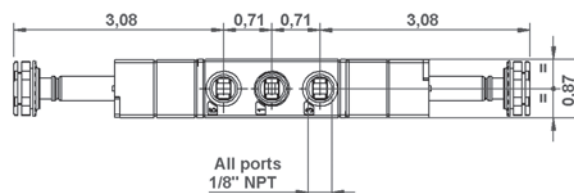
5/3= 29-145 PSIG

Voltage 12V DC, 24V AC, 110V AC, 220V AC

Manual override monostable

Weight 0.26 lb

Coil is supplied separately page 2.25



LINE 121 VP 1/8" NPT | PNEUMATIC VALVES

3/2 SINGLE PNEUMATIC VALVES



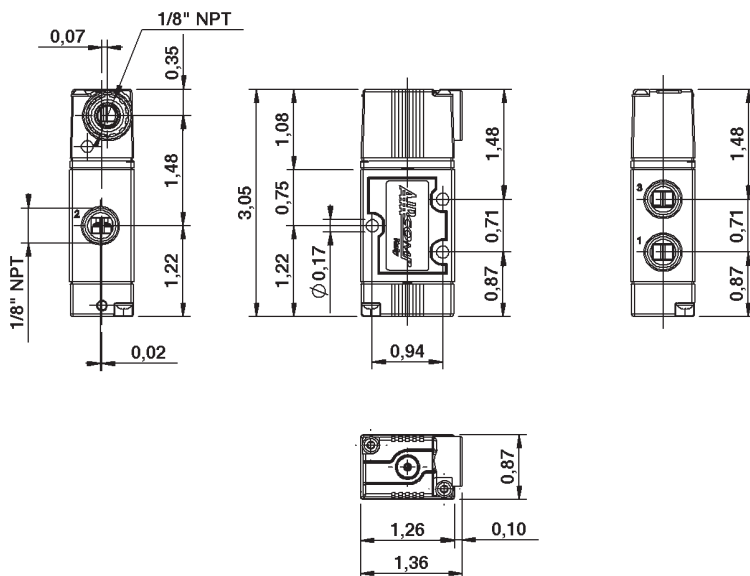
	CODE	REFERENCES
	1212223001	VP 1/8" 22 3 PN PM NC P
	1212223002	VP 1/8" 22 3 PN PM NO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Pilot operating pressure 14.5-145 PSIG

Weight 0.15 lb



3/2 DOUBLE PNEUMATIC VALVES



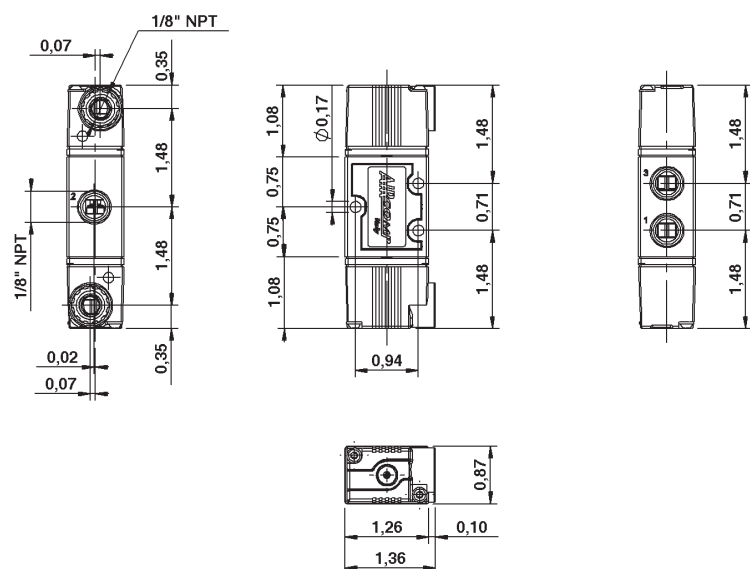
	CODE	REFERENCES
	1212223003	VP 1/8" 22 3 PN BS OO P
	1212223004	VP 1/8" 22 3 PN DF OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Pilot operating pressure 7-145 PSIG

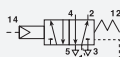
Weight 0.21 lb



LINE 121 VP 1/8" NPT | PNEUMATIC VALVES

5/2 SINGLE PNEUMATIC VALVES



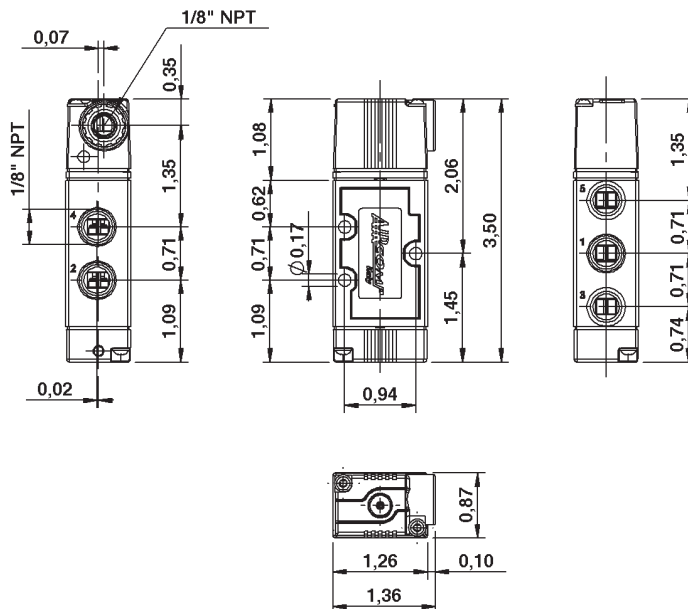
CODE	REFERENCES
 1212225001	VP 1/8" 22 5 PN PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

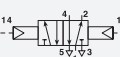
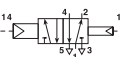
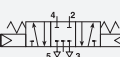
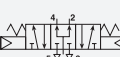
Pilot operating pressure 14.5-145 PSIG

Weight 0.17 lb



5/2 - 5/3 DOUBLE PNEUMATIC VALVES



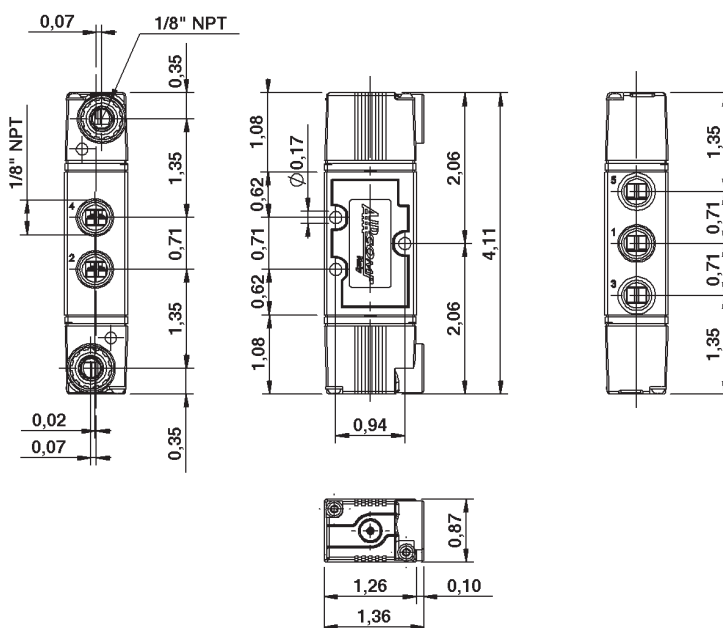
CODE	REFERENCES
 1212225002	VP 1/8" 22 5 PN BS OO P
 1212225003	VP 1/8" 22 5 PN DF OO P
 1212226001	VP 1/8" 22 6 PN RC CC P
 1212226002	VP 1/8" 22 6 PN RC CA P
 1212226003	VP 1/8" 22 6 PN RC CP P

TECHNICAL DATA

Working pressure 0-145 PSIG

Pilot operating pressure 5/2= 7-145 PSIG
5/3= 29-145 PSIG

Weight 0.22 lb



LINE 126 1/4" NPT

SOLENOID AND PNEUMATIC VALVES



GENERAL FEATURES

Construction	spool valve
Body size	0.86 in
Body material	technopolymer
Single use	YES
Manifold use	YES
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	1/4" NPT
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37.5°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 28 SCFM 5/3= 26.5 SCFM 3/2= 28 SCFM

GUIDE TO REFERENCES

EVR 1/4" 22 5 SL PM 00 P

Product

EVR = Solenoid valves
VPR = Pneumatic valves

Connection

1/4" = 1/4" NPT

Size

22 = 22 mm

Function

3 = 3/2
5 = 5/2
6 = 5/3

Material

P = Technopolymer

Option

NC = Normally closed
NO = Normally opened
CC = Closed centres
CA = Opened centres
CP = Pressure centres
OO = 5/2

Return

PM = Pneum. mech. spring
BS = Bistable
RC = Return to centre
DF = Differential
ML = Spring

Operation

PN = Pneumatic
SL = Solenoid
SA = Assisted solenoid with M5

HOW ORDERING A SOLENOID VALVE WITH COIL:

Step 1. Choose the valve without coil
Example of a valve without coil: cod. 1262135001 ref. EVR 1/4" 22 5 SL PM 00 P

Step 2. Replace the 8th digit with the number corresponding to the required voltage

1 2 6 2 1 3 5 0 1

0 = Valve without coil

1 = 12V DC

2 = 24V DC

6 = 24V AC

7 = 110V AC

8 = 220V AC

Example of valve with coil: cod. 1262135201 ref. EVR 1/4" 22 5 SL PM 00 P 24VDC

USED MATERIALS

1. Operator -Brass, Stainless steel

2. Operator body -POM

3. Body valve -PBT+FV

4. Insert -Brass

5. Base command -PA+FV

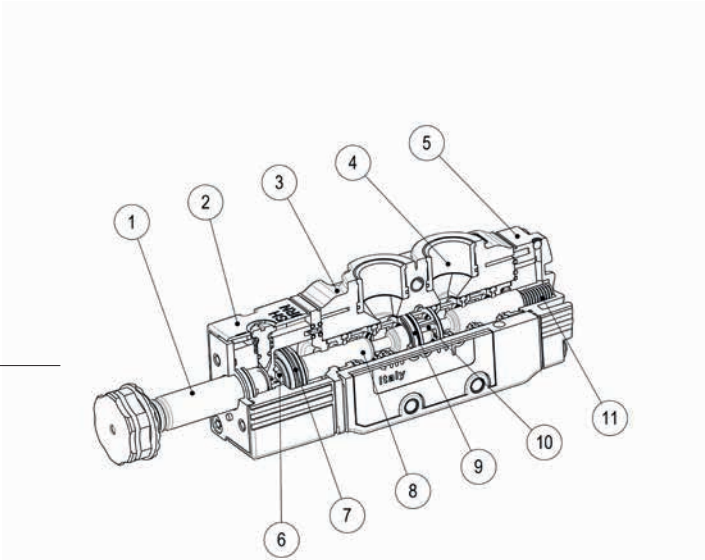
6. Piston -POM
7. Piston gasket -NBR

8. Spool -Nickel Plated Aluminium

9. Seals - NBR

10. Spacers -Brass

11. Spring -Stainless steel



LINE 126 1/4" NPT | SOLENOID VALVES

3/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
	1262133001 EVR 1/4" 22 3 SL PM NC P
	1262133002 EVR 1/4" 22 3 SL PM NO P

TECHNICAL DATA

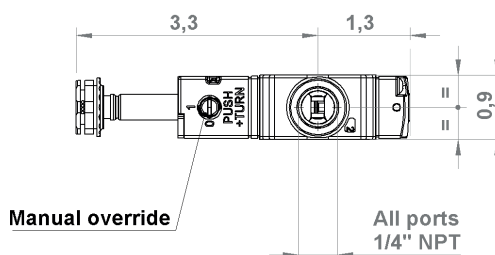
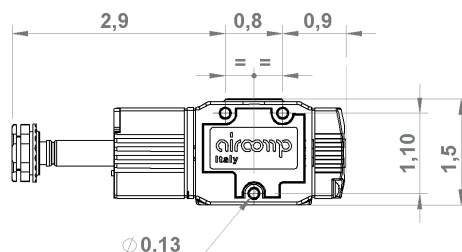
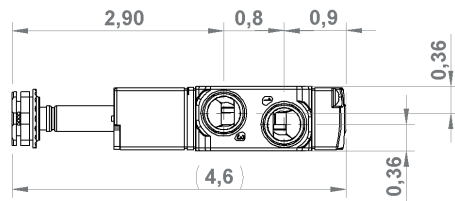
Working pressure 14.5-145 PSIG

Voltage 12V DC, 24V DC, 24V AC, 110V AC, 220V AC

Manual override Mono-bistable

Weight 0.23 lb

Coil is supplied separately page 2.25



3/2 DOUBLE SOLENOID VALVES



CODE	REFERENCES
	1262133003 EVR 1/4" 22 3 SL BS OO P

TECHNICAL DATA

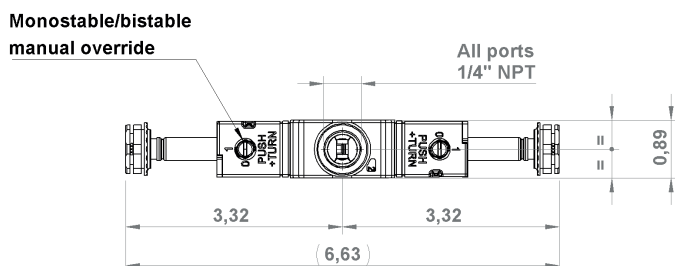
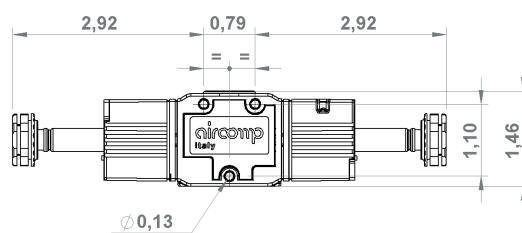
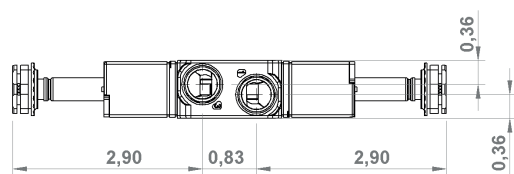
Working pressure 7-145 PSIG

Voltage 12V DC, 24V DC, 24V AC, 110V AC, 220V AC

Manual override Mono-bistable

Weight 0.31 lb

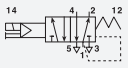
Coil is supplied separately page 2.25



LINE 126 EVR 1/4" NPT | SOLENOID VALVES

5/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
 1262135001	EVR 1/4" 22 5 SL PM OO P

TECHNICAL DATA

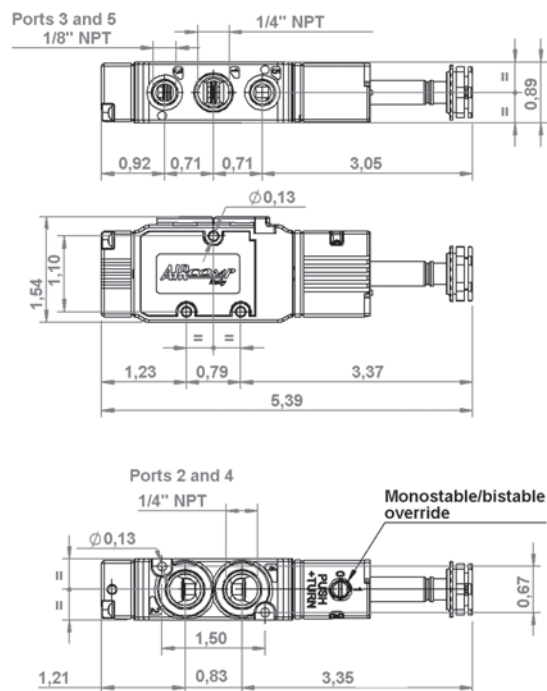
Working pressure 14.5-145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Mono - bistable

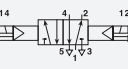
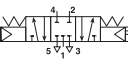
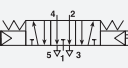
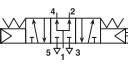
Weight 0.24 lb

Coil is supplied separately page 2.25



5/2 - 5/3 DOUBLE SOLENOID VALVES



CODE	REFERENCES
 1262135002	EVR 1/4" 22 5 SL BS OO P
 1262136001	EVR 1/4" 22 6 SL RC CC P
 1262136002	EVR 1/4" 22 6 SL RC CA P
 1262136003	EVR 1/4" 22 6 SL RC CP P

TECHNICAL DATA

Working pressure 5/2= 7-145 PSIG

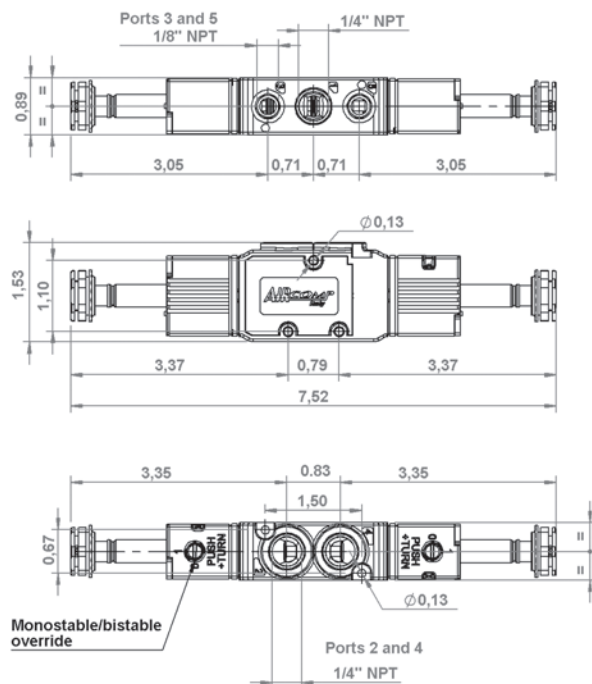
5/3= 29-145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Mono - bistable

Weight 0.30 lb

Coil is supplied separately page 2.25



LINE 126 EVR 1/4" NPT | SOLENOID VALVES

PILOT ASSISTED, 3/2 SINGLE SOLENOID VALVES



	CODE	REFERENCES
	1262133004	EVR 1/4" 22 3 SA ML NC P
	1262133005	EVR 1/4" 22 3 SA ML NO P

TECHNICAL DATA

Working pressure 0-145 PSIG

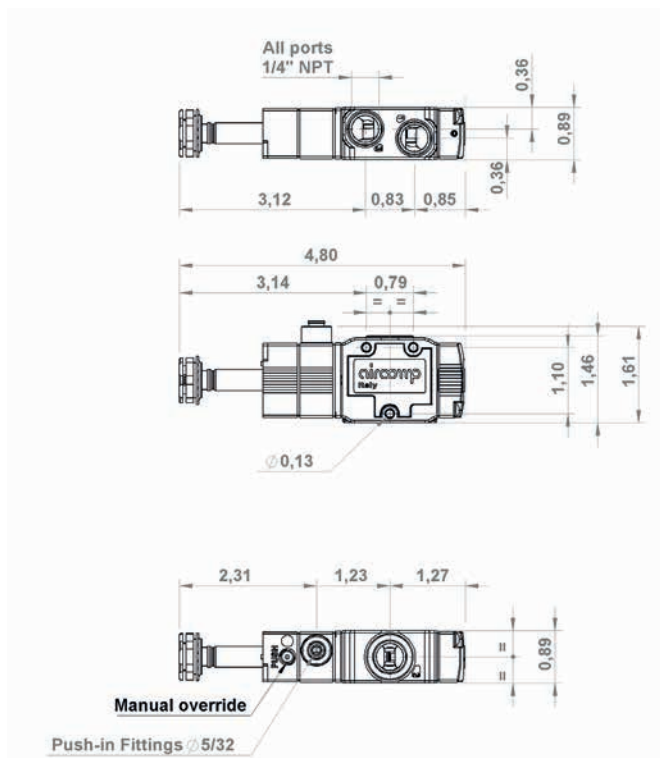
Actuating pressure (separate air supply)
14.5-145 PSIG

Voltage 12V DC, 24V DC, 24V AC, 110V AC, 220V AC

Manual override Monostable

Weight 0.24 lb

Coil is supplied separately page 2.25



PILOT ASSISTED SOLENOID VALVES 3/2 BISTABLE



	CODE	REFERENCES
	1262133006	EVR 1/4" 22 3 SA BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

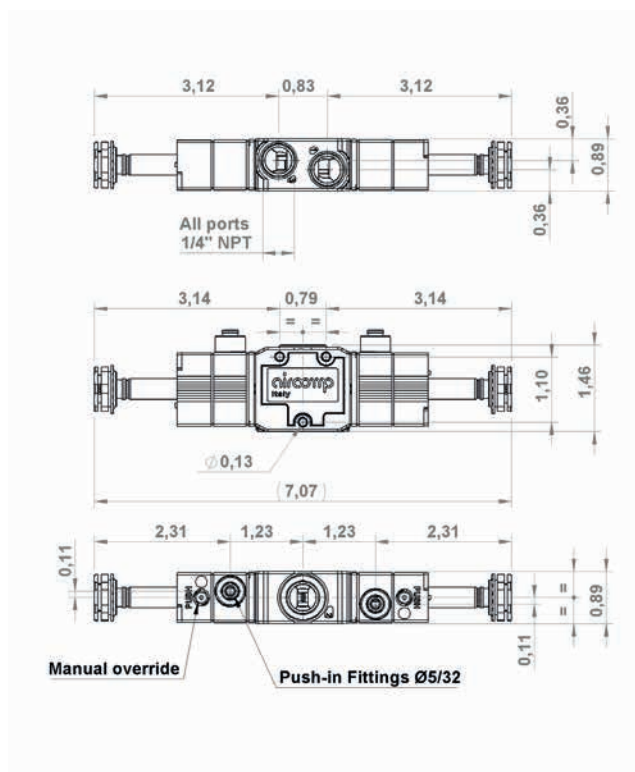
Actuating pressure (separate air supply)
7-145 PSIG

Voltage 12V DC, 24V DC, 24V AC, 110V AC, 220V AC

Manual override Monostable

Weight 0.33 lb

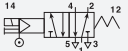
Coil is supplied separately page 2.25



LINE 126 EVR 1/4" NPT | SOLENOID VALVES

PILOT ASSISTED, 5/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
	1262135003 EVR 1/4" 22 5 SA ML OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

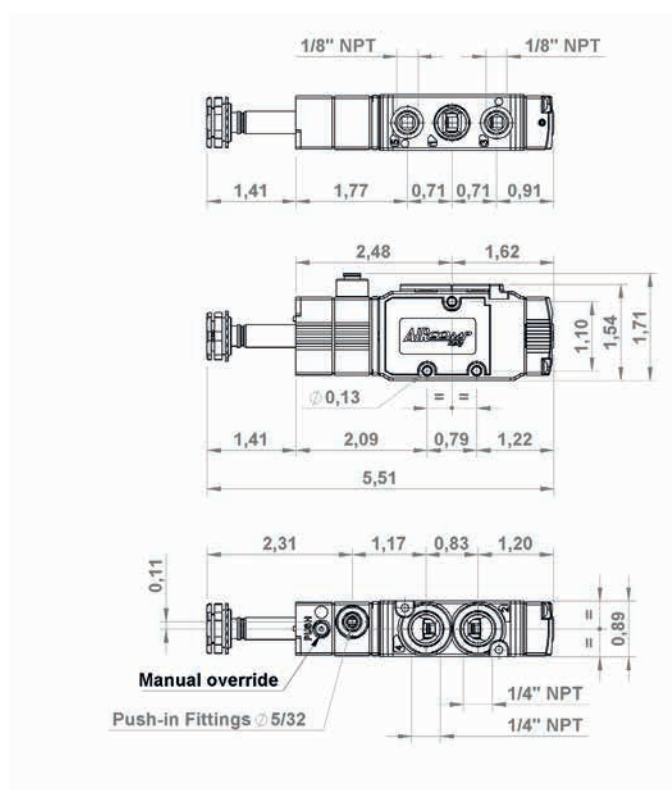
Actuating pressure (separate air supply)
14.5 -145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Monostable

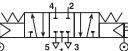
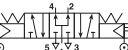
Weight 0.24 lb

Coil is supplied separately page 2.25



PILOT ASSISTED, 5/2 - 5/3 DOUBLE SOLENOID VALVES



CODE	REFERENCES
	1262135004 EVR 1/4" 22 5 SA BS OO P
	1262136004 EVR 1/4" 22 6 SA RC CC P
	1262136005 EVR 1/4" 22 6 SA RC CA P
	1262136006 EVR 1/4" 22 6 SA RC CP P

TECHNICAL DATA

Working pressure 5/2 - 5/3 = 0-145 PSIG

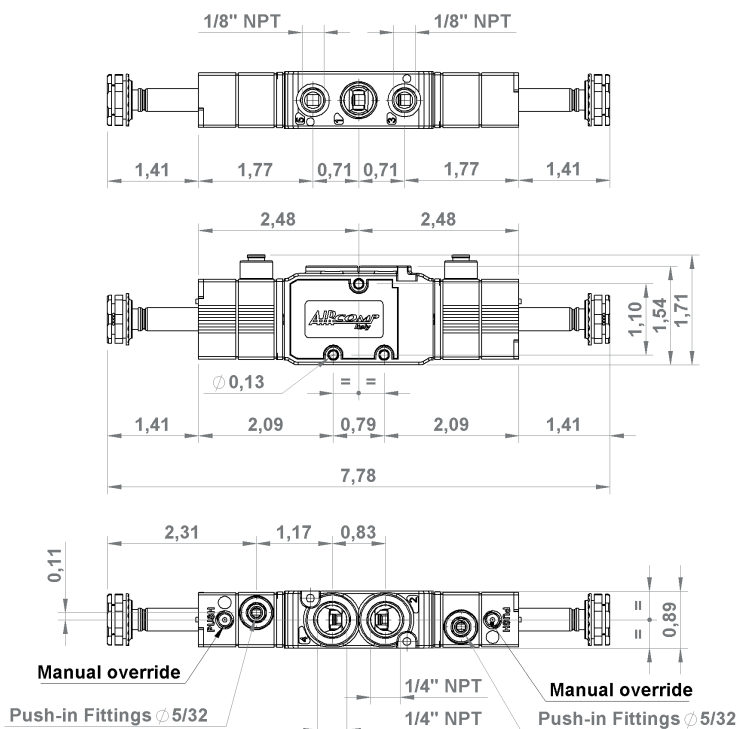
Actuating pressure (separate air supply)
5/2= 7-145 PSIG
5/3= 29-145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Monostable

Weight 0.30 lb

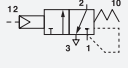
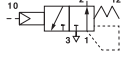
Coil is supplied separately page 2.25



LINE 126 VPR 1/4" NPT | PNEUMATIC VALVES

3/2 SINGLE PNEUMATIC VALVES



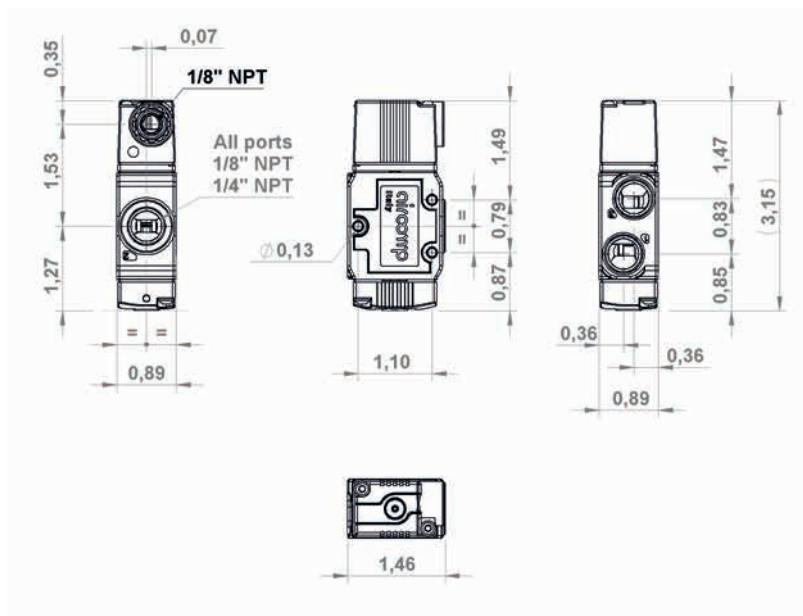
	CODE	REFERENCES
	1262233001	VPR 1/4" 22 3 PN PM NC P
	1262233002	VPR 1/4" 22 3 PN PM NO P

TECHNICAL DATA

Working pressure 0-145 PSIG

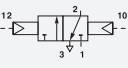
Pilot operating pressure 14.5-145 PSIG

Weight 0.18 lb



3/2 DOUBLE PNEUMATIC VALVES



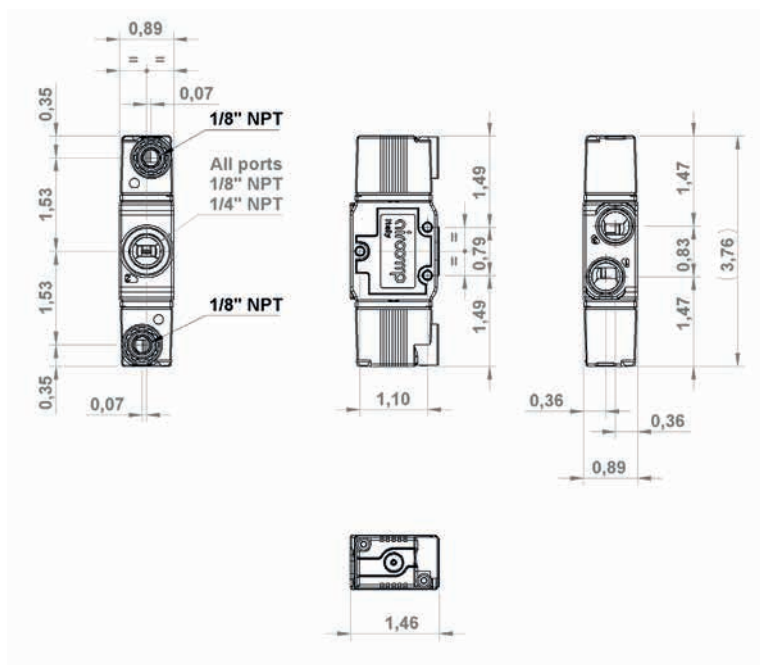
	CODE	REFERENCES
	1262233003	VPR 1/4" 22 3 PN BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Pilot operating pressure 7-145 PSIG

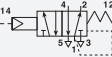
Weight 0.22 lb



LINE 126 EVR 1/4" NPT | PNEUMATIC VALVES

5/2 SINGLE PNEUMATIC VALVES



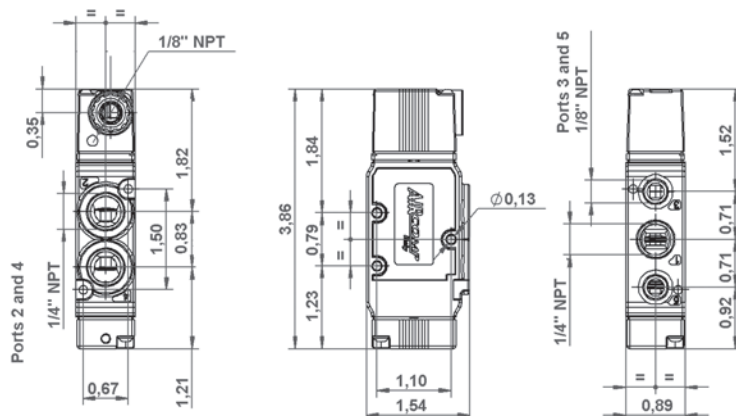
CODE	REFERENCES
	1262235001 VPR 1/4" 22 5 PN PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

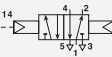
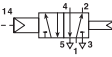
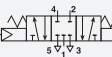
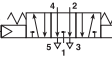
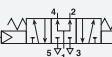
Pilot operating pressure 14.5-145 PSIG

Weight 0.22 lb



5/2 - 5/3 DOUBLE PNEUMATIC VALVES



CODE	REFERENCES
	1262235002 VPR 1/4" 22 5 PN BS OO P
	1262235003 VPR 1/4" 22 5 PN DF OO P
	1262236001 VPR 1/4" 22 6 PN RC CC P
	1262236002 VPR 1/4" 22 6 PN RC CA P
	1252236003 VPR 1/4" 22 6 PN RC CP P

TECHNICAL DATA

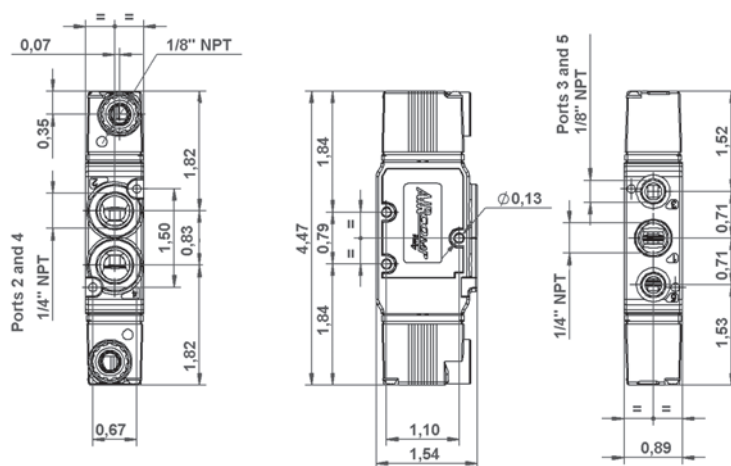
Working pressure 0-145 PSIG

Pilot operating pressure

5/2= 7-145 PSIG

5/3= 29-145 PSIG

Weight 0.27 lb



AIR PREPARATION

VALVES

WATER PREPARATION

LINE 126 1/4" NPT | VALVES MANIFOLD

AIR PREPARATION

VALVES

WATER PREPARATION



DIMENSIONS

N° OF STATIONS	A	B
2	2,71	2,24
3	3,61	3,14
4	4,52	4,05
5	5,42	4,95
6	6,38	5,86
7	7,23	6,76
8	8,14	7,66
9	9,03	8,57
10	9,94	9,47

MANIFOLD

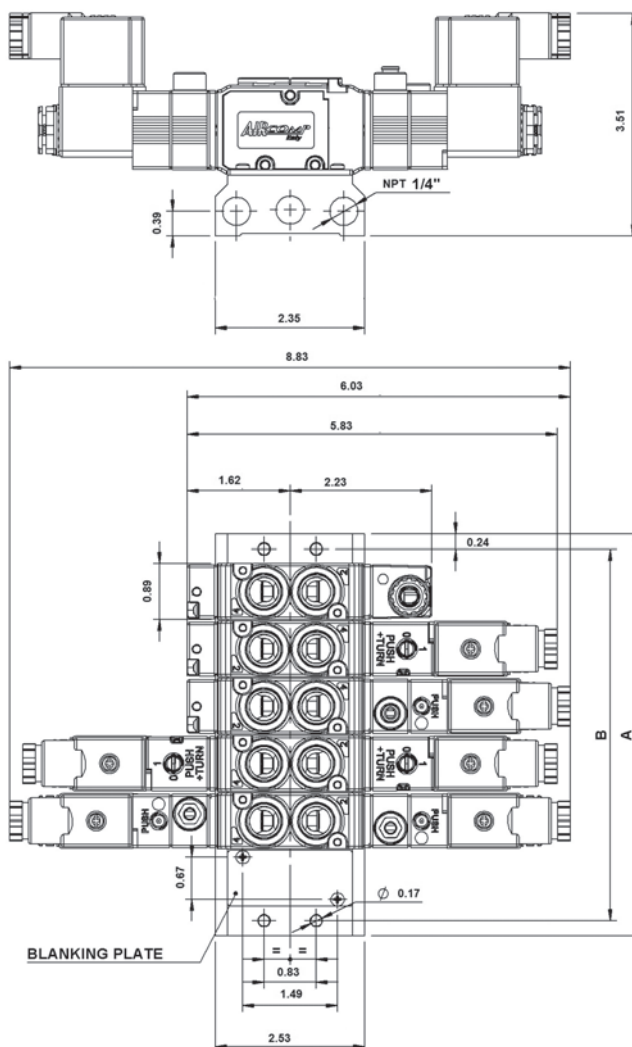


CODE	REF.	LINE
1325A00032	MANIFOLD STB 1/4 N 22 2 POS	126 -127
1325A00033	MANIFOLD STB 1/4 N 22 3 POS	126 -127
1325A00034	MANIFOLD STB 1/4 N 22 4 POS	126 -127
1325A00035	MANIFOLD STB 1/4 N 22 5 POS	126 -127
1325A00036	MANIFOLD STB 1/4 N 22 6 POS	126 -127
1325A00037	MANIFOLD STB 1/4 N 22 7 POS	126 -127
1325A00038	MANIFOLD STB 1/4 N 22 8 POS	126 -127
1325A00039	MANIFOLD STB 1/4 N 22 9 POS	126 -127
1325A00040	MANIFOLD STB 1/4 N 22 10POS	126 -127

BLANKING PLATE KIT



CODE	REF.	LINEA
1325A00013	BLANKING PLATE KIT	126 -127



PNEUMATIC VALVE
MONOSTABLE

SOLENOID VALVE
SINGLE COIL

SOLENOID VALVE
PILOT ASSISTED

DOUBLE
SOLENOID VALVE

DOUBLE SOLENOID VALVE
PILOT ASSISTED

SPARE PARTS



CODE	REF.	CONF.
1325A00012	Manifold seal	20 pieces



CODE	REF.	CONF.
1325A00017	Manifold screw	20 pieces

LINE 127 1/4" NPT | SOLENOID AND PNEUMATIC VALVES



GENERAL FEATURES

Construction	spool valve
Body size	0.86 in
Body material	aluminium
Single use	YES
Manifold use	YES
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Construction	spool valve
Fluid	filtered air with or without lubrication
Connections	1/4"
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 28 SCFM 5/3= 26.5 SCFM 3/2= 28 SCFM

HOW ORDERING A SOLENOID VALVE WITH COIL:

Step 1. Choose the valve without coil
Example of a valve without coil: cod. 1272155001 ref. EVR 1/4" 22 3 SL PM NC M

Step 2. Replace the 8th digit with the number corresponding to the required voltage

1 2 7 2 1 5 5 0 1

0	= Valve without coil
1	= 12V DC
2	= 24V DC
6	= 24V AC
7	= 110V AC
8	= 220V AC

Example of valve with coil: cod. 1272155201 ref. EVR 1/4" 22 3 SL PM NC M 24VDC

GUIDE TO REFERENCES

EVR 1/4" 22 3 SL PM NC M

Product
EVR = Solenoid valves
VPR = Pneumatic valves

Connection
1/4" = 1/4" NPT

Size
22 = 0,86 In

Function
3 = 3/2
5 = 5/2
6 = 5/3

Material
M = Metal

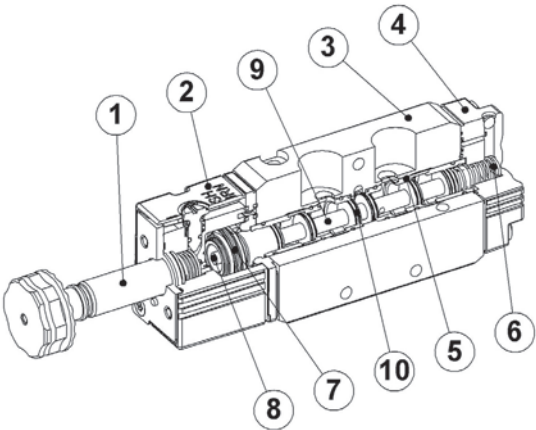
Option
NC = Normally closed
NO = Normally opened
CC = Closed centres
CA = Opened centres
CP = Pressure centres
OO = 5/2

Return
PM = Pneum. mech. spring
BS = Bistable
RC = Return to centre
ML = Spring

Operation
SL = Solenoid
SA = Assisted solenoid with M5
PN = Pneumatic

USED MATERIALS

- | | |
|---|-------------------------------|
| 1. Operator - Brass, Stainless steel | 7. Piston gasket - NBR |
| 2. Operator body - POM | 8. Piston - POM |
| 3. Body valve - Aluminium | 9. Spool - Aluminium |
| 4. Base command - PA+FV | 10. Body valve - PBT |
| 5. Spacers - POM | 11. Spool gasket - NBR |
| 6. Spring - Stainless steel | |

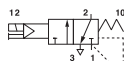


LINE 127 EVR 1/4" NPT | SOLENOID VALVES

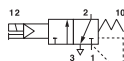
3/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
1272153001	EVR 1/4 22 3 SL PM NC M



1272153002 EVR 1/4 22 3 SL PM NO M



TECHNICAL DATA

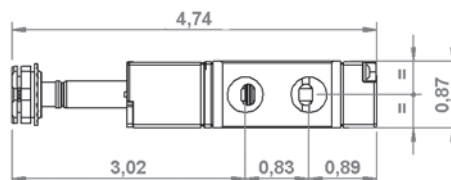
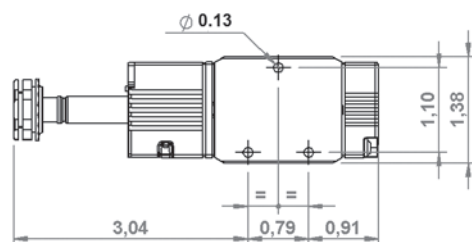
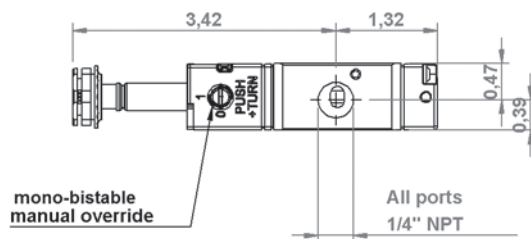
Working pressure 14.5-145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Mono-bistable

Weight 0.31 lb

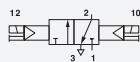
Coil is supplied separately page 2.25



3/2 DOUBLE SOLENOID VALVES



CODE	REFERENCES
1272153003	EVR 1/4 22 3 SL BS OO M



TECHNICAL DATA

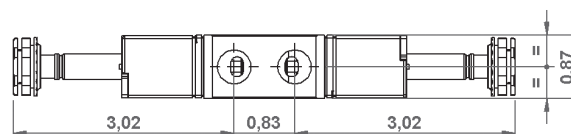
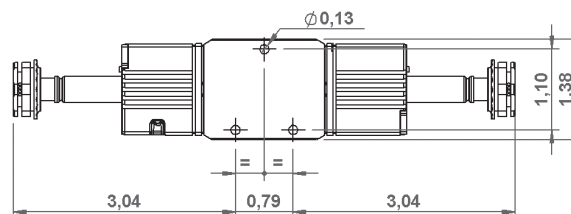
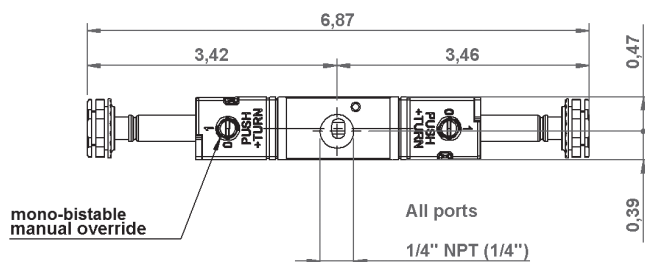
Working pressure 7-145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Mono-bistable

Weight 0.36 lb

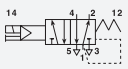
Coil is supplied separately page 2.25



LINE 127 EVR 1/4" NPT | SOLENOID VALVES

5/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
	1272155001 EVR 1/4 22 5 SL PM OO M

TECHNICAL DATA

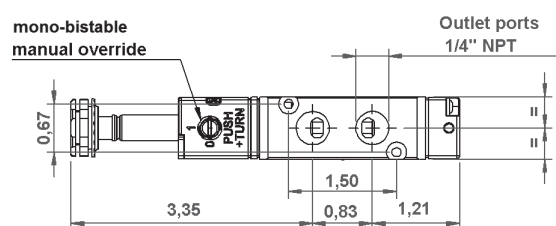
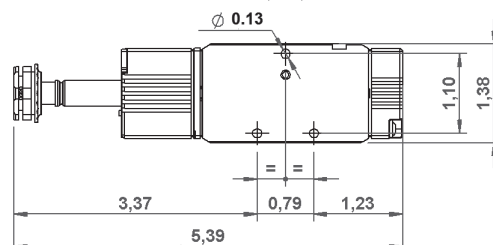
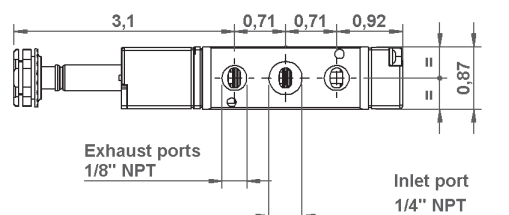
Working pressure 14.5-145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Mono-bistable

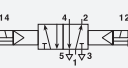
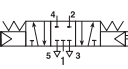
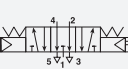
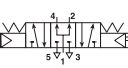
Weight 0.33 lb

Coil is supplied separately page 2.25



5/2 - 5/3 DUOBLE SOLENOID VALVES



CODE	REFERENCES
	1272155002 EVR 1/4 22 5 SL BS OO M
	1272156001 EVR 1/4 22 6 SL RC CC M
	1272156002 EVR 1/4 22 6 SL RC CA M
	1272156003 EVR 1/4 22 6 SL RC CP M

TECHNICAL DATA

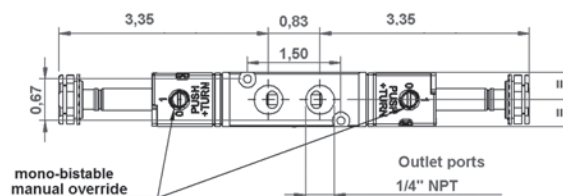
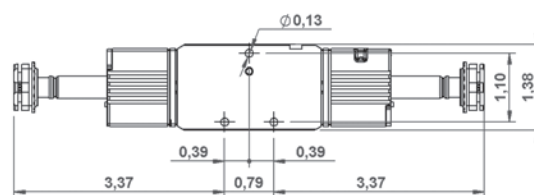
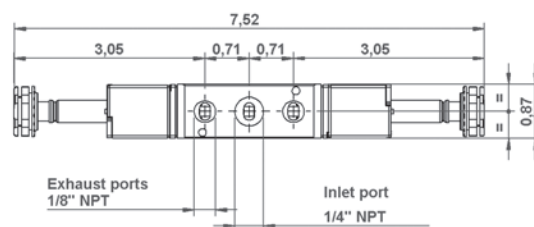
Working pressure 5/2= 7-145 PSIG
5/3= 29-145 PSIG

Voltage 24DC, 24V AC, 110V, 220V AC

Manual override Mono-bistable

Weight 0.39 lb

Coil is supplied separately page 2.25



LINE 127 EVR 1/4" NPT | SOLENOID VALVES

PILOT ASSISTED, 3/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
	1272153004 EVR 1/4 22 3 SA ML NC M
	1272153005 EVR 1/4 22 3 SA ML NO M

TECHNICAL DATA

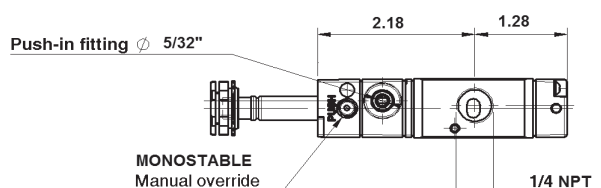
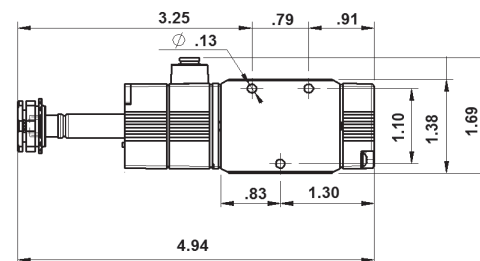
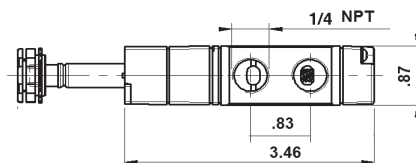
Working pressure 0-145 PSIG

Actuating pressure separate air supply
14.5-145 PSIG

Manual override Mono-bistable

Weight 0.32 lb

Coil is supplied separately page 2.25



PILOT ASSISTED, 3/2 DOUBLE SOLENOID VALVES



CODE	REFERENCES
	1272153006 EVR 1/4 22 3 SA BS OO M

pilot connections. M5

TECHNICAL DATA

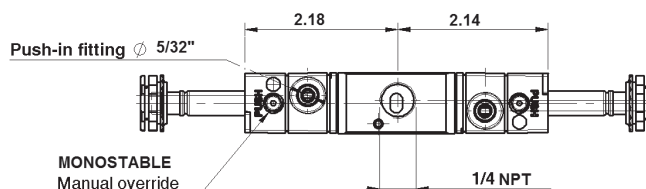
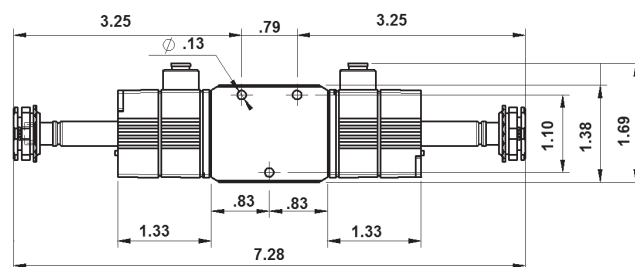
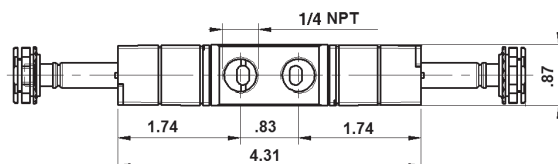
Working pressure 0-145 PSIG

Actuating pressure separate air supply
7-145 PSIG

Manual override Mono-bistable

Weight 0.37 lb

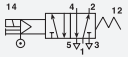
Coil is supplied separately page 2.25



LINE 127 EVR 1/4" NPT | SOLENOID VALVES

PILOT ASSISTED, 5/2 SINGLE SOLENOID VALVES



CODE	REFERENCES
connessione pilot. M5	
	1272155003 EVR 1/4 22 5 SA ML OO M

TECHNICAL DATA

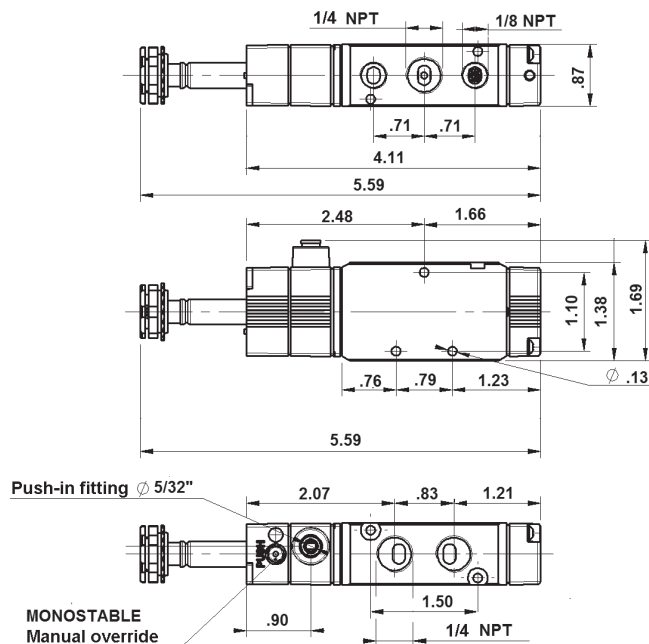
Working pressure 0-145 PSIG

Actuating pressure separate air supply
14.5-145 PSIG

Manual override Mono-bistable

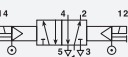
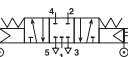
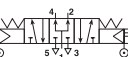
Weight 0.32 lb

Coil is supplied separately page 2.25



PILOT ASSISTED, 5/2 - 5/3 DOUBLE SOLENOID VALVES



CODE	REFERENCES
	1272155004 EVR 1/4 22 5 SA BS OO M
	1272156004 EVR 1/4 22 6 SA RC CC M
	1272156005 EVR 1/4 22 6 SA RC CA M
	1272156006 EVR 1/4 22 6 SA RC CP M

TECHNICAL DATA

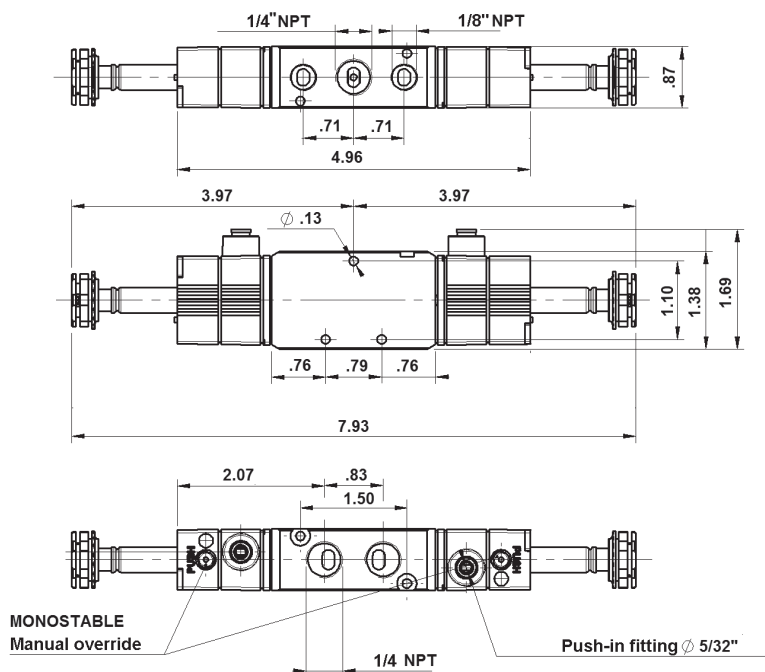
Working pressure 0-145 PSIG

Actuating pressure separate air supply
5/2= 7-145 PSIG
5/3= 29-145 PSIG

Manual override Monostable

Weight 0.40 lb

Coil is supplied separately page 2.25



LINE 127 VPR 1/4" NPT | PNEUMATIC VALVES

3/2 SINGLE PNEUMATIC VALVES



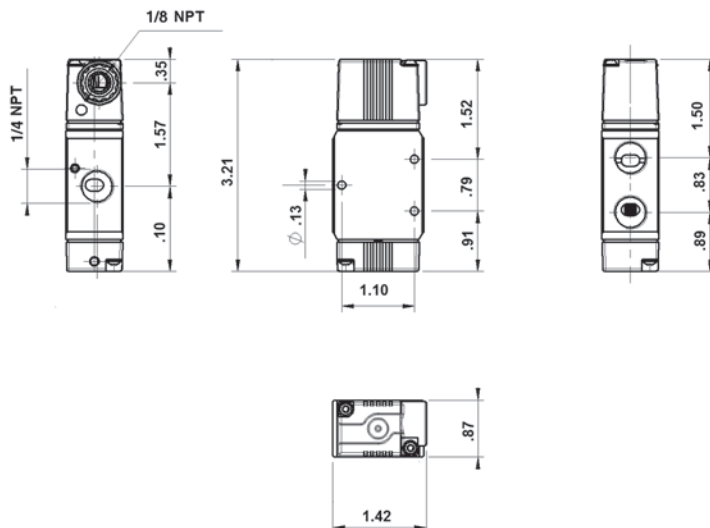
	CODE	REFERENCES
	1272253001	VPR 1/4" 22 3 PN PM NC M
	1272253002	VPR 1/4" 22 3 PN PM NO M

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Pilot operating pressure 14.5-145 PSIG

Weight 0.29 lb



3/2 DOUBLE PNEUMATIC VALVES



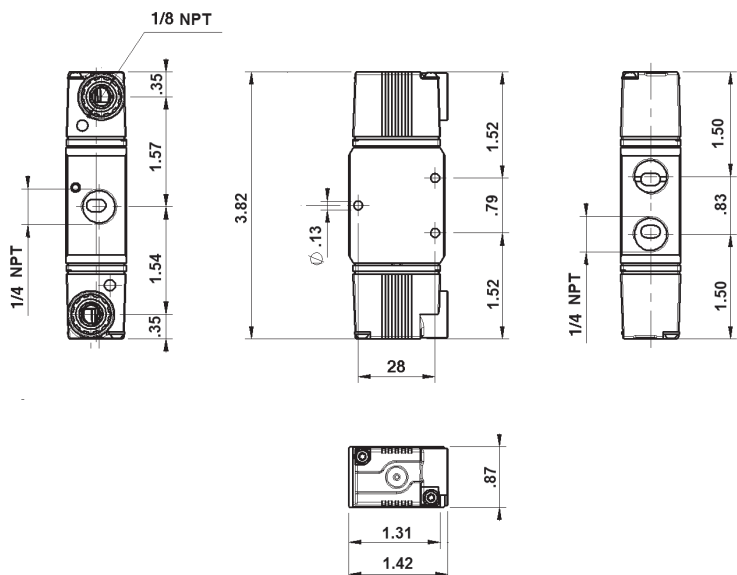
	CODE	REFERENCES
	1272253003	VPR 1/4" 22 3 PN BS OO M
	1272254004	VPR 1/4" 22 3 PN DF OO M

TECHNICAL DATA

Working pressure 0-145 PSIG

Pilot operating pressure 7-145 PSIG

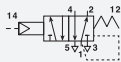
Weight 0.35 lb



LINE 127 VPR 1/4" NPT | PNEUMATIC VALVES

5/2 SINGLE PNEUMATIC VALVES



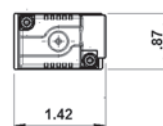
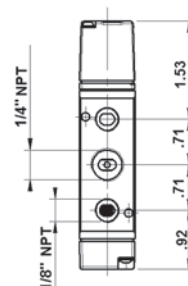
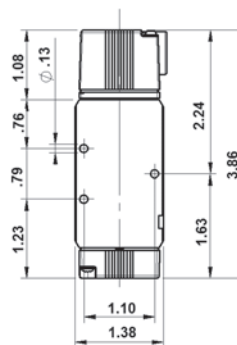
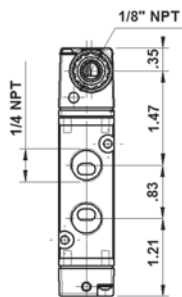
CODE	REFERENCES
 1272255001	VPR 1/4" 22 5 PN PM OO M

TECHNICAL DATA

Working pressure 14.5-145 PSIG

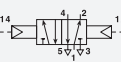
Pilot operating pressure 14.5-145 PSIG

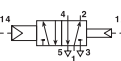
Weight 0.31 lb

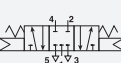


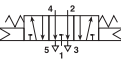
5/2 - 5/3 DOUBLE PNEUMATIC VALVES



CODE	REFERENCES
 1272255002	VPR 1/4" 22 5 PN BS OO M

 1272255003	VPR 1/4" 22 5 PN DF OO M
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 1272256001	VPR 1/4" 22 6 PN RC CC M
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 1272256002	VPR 1/4" 22 6 PN RC CA M
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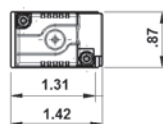
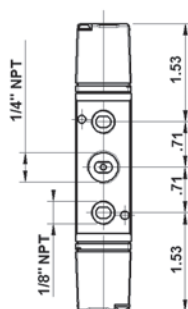
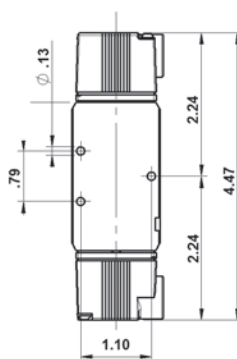
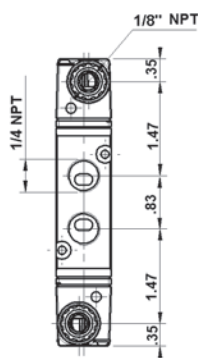
 1272256003	VPR 1/4" 22 6 PN RC CP M
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TECHNICAL DATA

Working pressure 14.5-145 PSIG

Pilot operating pressure 5/2= 7-145 PSIG
5/3= 29-145 PSIG

Weight 0.36 lb



LINE 127 1/4" NPT | VALVES MANIFOLD

AIR PREPARATION

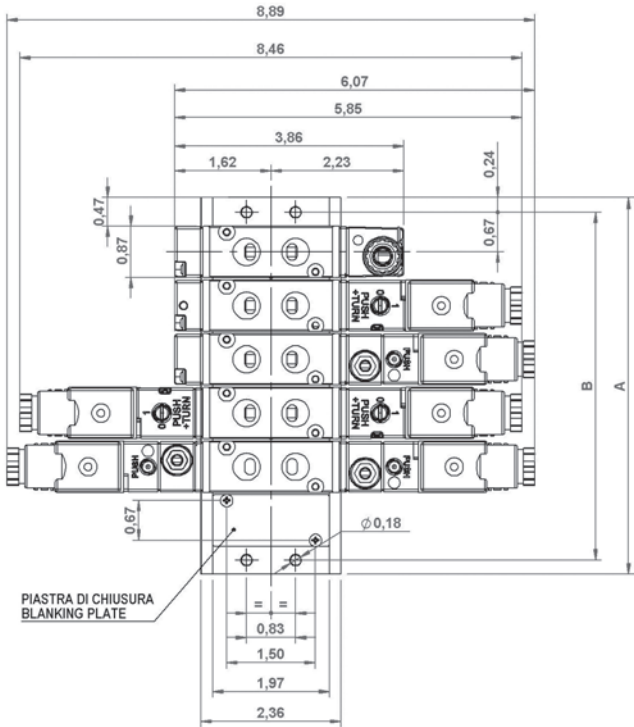
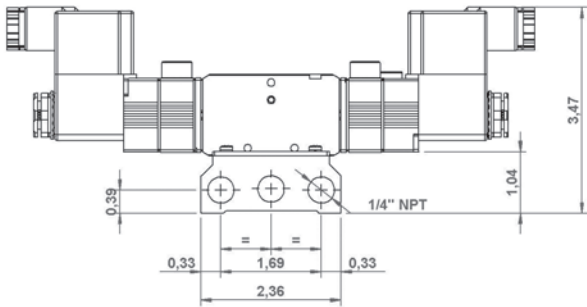
VALVES

WATER PREPARATION



DIMENSIONS

N° TO STATIONS	A	B
2	2,71	2,24
3	3,61	3,14
4	4,52	4,05
5	5,42	4,95
6	6,38	5,86
7	7,23	6,76
8	8,14	7,66
9	9,03	8,57
10	9,94	9,47



- MONOSTABLE PNEUMATIC VALVE
- SINGLE SOLENOID VALVE
- PILOT ASSISTED SINGLE SOLENOID VALVE
- DOUBLE SOLENOID VALVE
- PILOT ASSISTED DOUBLE SOLENOID VALVE

MANIFOLD



BLANKING PLATE KIT

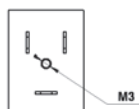


CODE	REF.	LINE
1325A00013	BLANKING PLATE KIT	126 -127

CODE	REF.	LINE
1325A00032	MANIFOLD STB 1/4 N 22 2 POS	126 -127
1325A00033	MANIFOLD STB 1/4 N 22 3 POS	126 -127
1325A00034	MANIFOLD STB 1/4 N 22 4 POS	126 -127
1325A00035	MANIFOLD STB 1/4 N 22 5 POS	126 -127
1325A00036	MANIFOLD STB 1/4 N 22 6 POS	126 -127
1325A00037	MANIFOLD STB 1/4 N 22 7 POS	126 -127
1325A00038	MANIFOLD STB 1/4 N 22 8 POS	126 -127
1325A00039	MANIFOLD STB 1/4 N 22 9 POS	126 -127
1325A00040	MANIFOLD STB 1/4 N 22 10POS	126 -127

LINE 121-126-127 NPT | COILS AND CONNECTORS

22MM COIL



TECHNICAL DATA

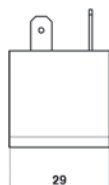
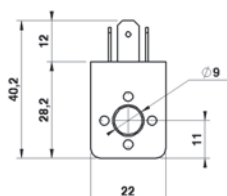
Voltage 12V DC, 24V DC, 24V AC, 110V AC, 220V AC

Voltage tolerance +/- 10%

Power consumption AC=5VA DC=3,0 W

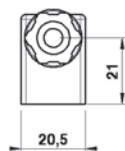
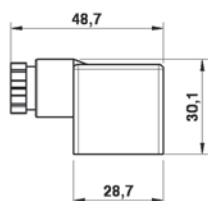
Duty cycle ED 100%

Protection with connector IP 65 EN 60529



CODE	REF.	LINE
A502600018	COIL DC12V	121-126-127
A502600006	COIL DC24V	121-126-127
A502600007	COIL AC24V 50/60HZ	121-126-127
A502600008	COIL AC110V 50/60HZ	121-126-127
A502600009	COIL AC220V 50/60HZ	121-126-127

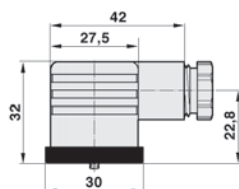
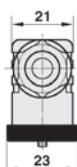
CONNECTORS



CODE	REF.	LINE
A502600010	CONNECTOR SP 22mm	121-126-127

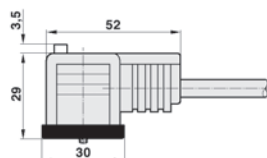
* Connector complies UL standard

22MM LED CONNECTORS



CODE	REF.	LINE
A502600026	LED CONNECTORS 22mm 24V	121-126-127
A502600027	LED CONNECTORS 22mm 115V	121-126-127
A502600028	LED CONNECTORS 22mm 230V	121-126-127

22MM CABLE LED CONNECTORS



CODE	REF.	LENGHT	LINE
A202600029	LED CONNECTORS 22mm 24V	3mt	121-126-127
A502600030	LED CONNECTORS 22mm 115V	3mt	121-126-127
A502600031	LED CONNECTORS 22mm 230V	3mt	121-126-127

LINE 100-121-126-127 NPT | VALVES FOR PANEL MOUNTING ACTUATORS

AIR PREPARATION

VALVES

WATER PREPARATION



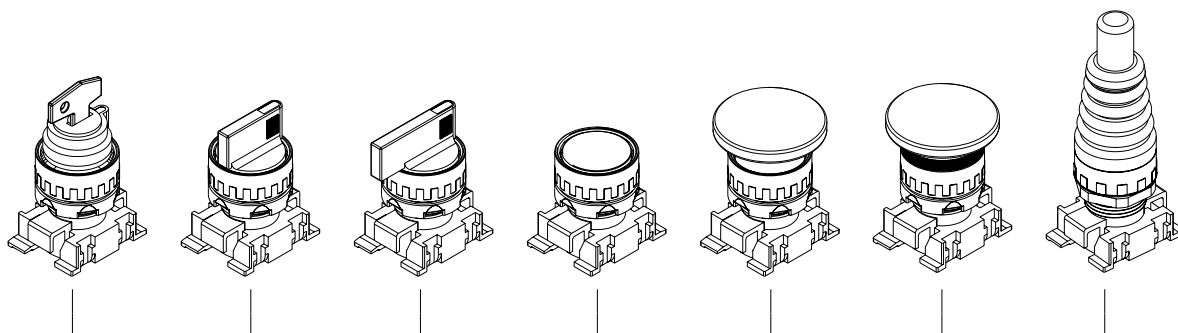
GENERAL FEATURES

	line 100	line 121 126 127
Construction	poppet type	spool
Body material	technopolymer	technopolymer / aluminium
Single use	yes	yes
Combined use	yes	no
Available functions	2/2 - 3/2	3/2 - 5/2
Installation	through-wall panel actuator	

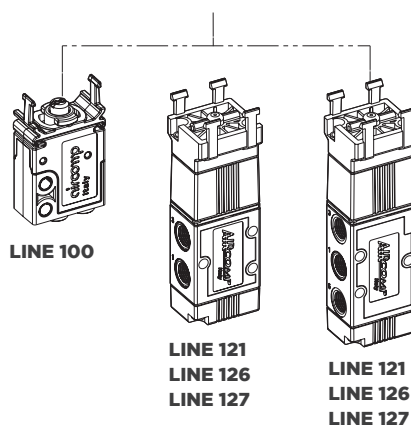
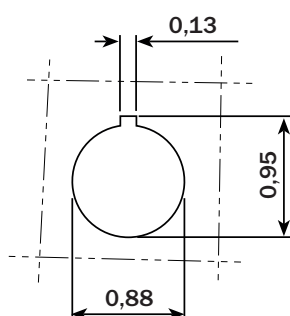
GENERAL TECHNICAL DATA

	line 100	line 121 126 127
Fluid	air	air
Connections	M5 - 5/32"	1/8" - 1/4" NPT
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity	
Working Pressure	29-145 PSIG	14.5-145 PSIG
Reference Pressure	2.65 SCFM	23.6 ; 28.2 SCFM

POSSIBLE COMBINATIONS EXAMPLE



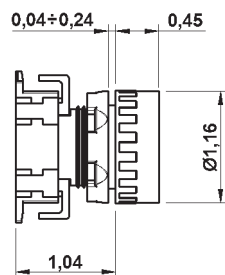
DRILLING MEASURES



LINE 100-121-126-127 NPT | PANEL ACTUATORS

PROTECTED PUSH BUTTON

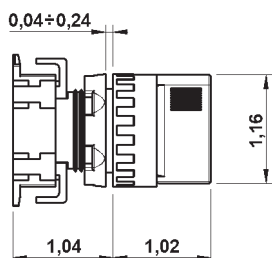
Technopolymer body, round front element.



COLOR	CODE	REF.
RED	1003A00074	RT010 BUTTON + COVER
BLACK	1003A00075	RT010 BUTTON + COVER
YELLOW	1003A00076	RT010 BUTTON + COVER
GREEN	1003A00077	RT010 BUTTON + COVER
WHITE	1003A00078	RT010 BUTTON + COVER
BLUE	1003A00079	RT010 BUTTON + COVER

2 - 3 POSITIONS SHORT LEVER SELECTOR

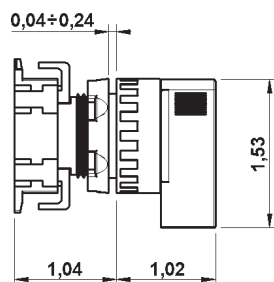
Technopolymer body, round front element.



POSITION	CODE	REF.
	1003A00032	RT300N SELECTOR (2 FIXED POSITIONS)
	1003A00033	RT350N SELECTOR (2 RETURN POSITION)
	1003A00034	RT313N SELECTOR (3 FIXED POSITIONS)
	1003A00035	RT383N SELECTOR (3 RETURN TO CENTRE POSITION)

2 - 3 POSITIONS LONG LEVER SELECTOR

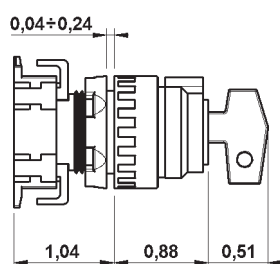
Technopolymer body, round front element.



POSITION	CODE	REF.
	1003A00036	RT400N SELECTOR (2 FIXED POSITIONS)
	1003A00037	RT450N SELECTOR (2 RETURN POSITION)
	1003A00038	RT413N SELECTOR (3 FIXED POSITIONS)
	1003A00039	RT483N SELECTOR (3 RETURN TO CENTRE POSITION)

2 POSITIONS KEY SELECTOR

Technopolymer body, round front element.

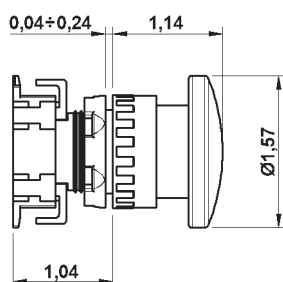


POSITION	CODE	REF.
	1003A00031	RT201N SELECTOR (2 FIXED POSITIONS)

LINE 100-121-126-127 NPT | PANEL ACTUATORS

AXIAL MUSHROOM

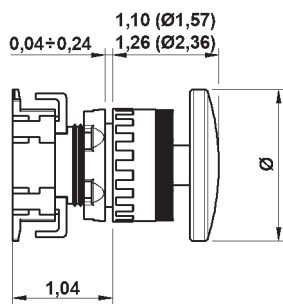
Technopolymer body, round front element.



COLOR	CODE	REF.
RED	1003A00041	RT050R MUSHROOM
BLACK	1003A00042	RT050N MUSHROOM

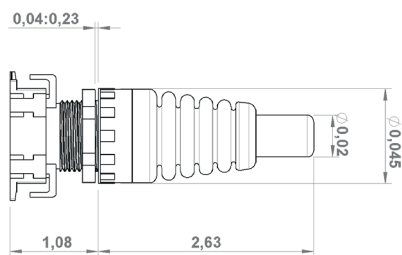
AXIAL MUSHROOM WITH TURN RESET

Technopolymer body, round front element.



COLOR	CODE	REF.
RED	1003A00052	RT065R - 40 MUSHROOM (DIAM. 1,57 In)
RED	1003A00057	RT065R - 60 MUSHROOM (DIAM. 2,36 In)

3 POSITIONS LEVER



TYPE	CODE	Function
3 POSITIONS FIXED	1003A00084	
3 POSITIONS RETURN	1003A00085	

ELECTRICAL SWITCH*

For panel actuator.



TECHNICAL DATA

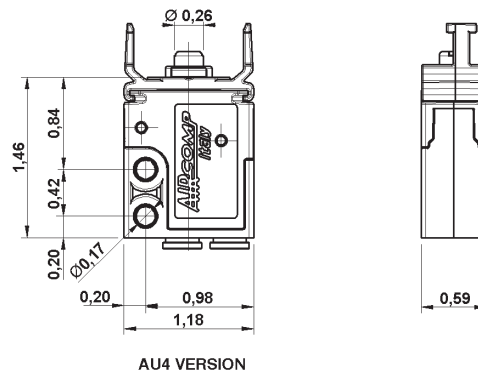
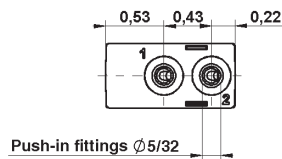
Isolation Voltage	Vi 660
Termichal Current	Ith 12A
Protection	IP 20
Category of use	AC 15

COLOR	CODE	REF.
RED	1003A00050	CONTACT NC
GREEN	1003A00051	CONTACT NO

* Suitable for line 100 only.

LINE 100 $\varnothing 5/32''$ | VALVES FOR PANEL MOUNTING ACTUATORS

MICROVALVES FOR PANEL MOUNTING ACTUATORS REAR PORTS



	CODE	REFERENCES
	1000492005	MV AU4 15 2 PB ML NC P
	1000493009	MV AU4 15 3 PB ML NC P
	1000493010	MV AU4 15 3 PB ML NO P

TECHNICAL DATA

Weight 0.066 lb

NB: Possible combinations
 5/2 = 3/2 NC + 3/2 NO
 5/3 Open center = 3/2 NC + 3/2 NC

POSSIBLE COMBINATIONS



For pannel actuators see Page 2.27

MICROVALVES FOR PANEL MOUNTING ACTUATORS WITH SIDE PORTS

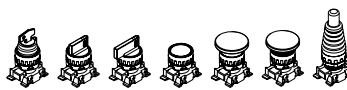
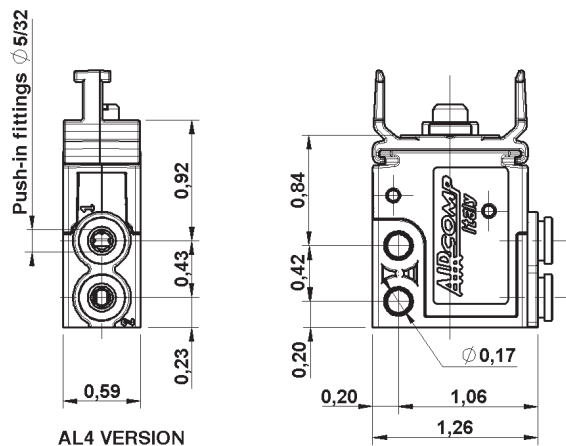


	CODE	REFERENCES
	1000492105	MV AL4 15 2 PB ML NC P
	1000493109	MV AL4 15 3 PB ML NC P
	1000493110	MV AL4 15 3 PB ML NO P

TECHNICAL DATA

Weight 0.066 lb

NB: Possible combinations
 5/2 = 3/2 NC + 3/2 NO
 5/3 Open center = 3/2 NC + 3/2 NC



For pannel actuators see Page 2.27

LINE 121 1/8" NPT | VALVES FOR PANEL MOUNTING ACTUATORS

3/2 VALVES FOR PANEL MOUNTING ACTUATORS



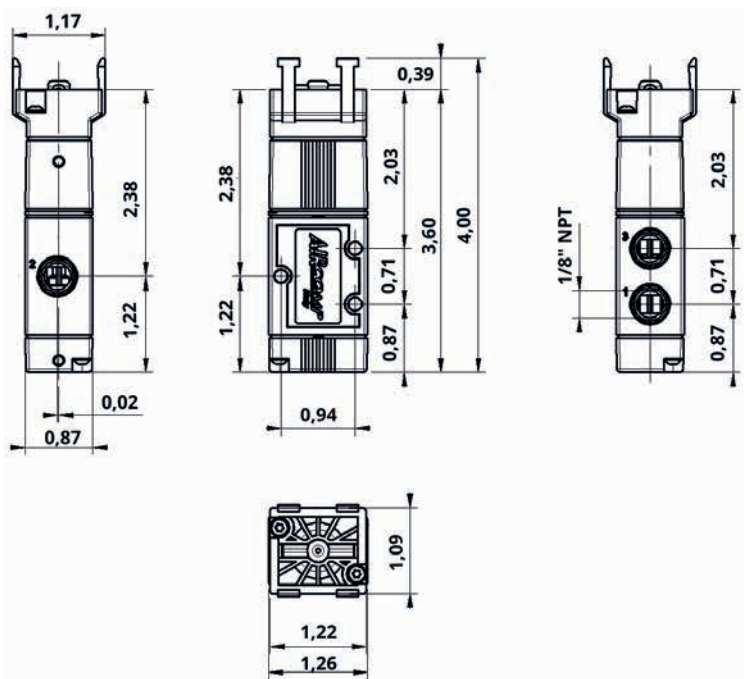
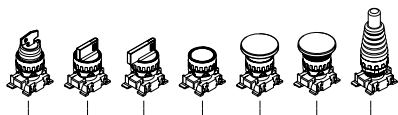
CODE	REFERENCES
 1212523009	ME 1/8" 22 3 PB PM NC P
 1212523010	ME 1/8" 22 3 PB PM NO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0,18 lb

AVAILABLE CONFIGURATIONS (*)



For actuators code and features, refer to page 2.27

5/2 VALVES FOR PANEL MOUNTING ACTUATORS



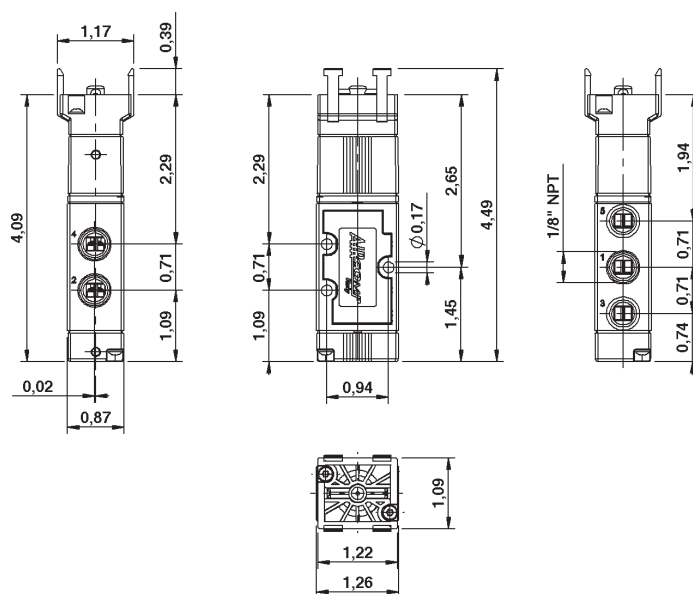
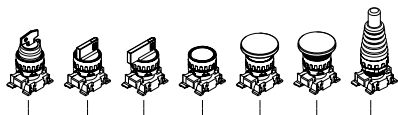
CODE	REFERENCES
 1212525005	ME 1/8" 22 5 PB PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.19 lb

AVAILABLE CONFIGURATIONS (*)



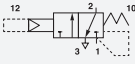
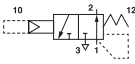
For actuators code and features, refer to page 2.27

LINE 126 1/4" NPT

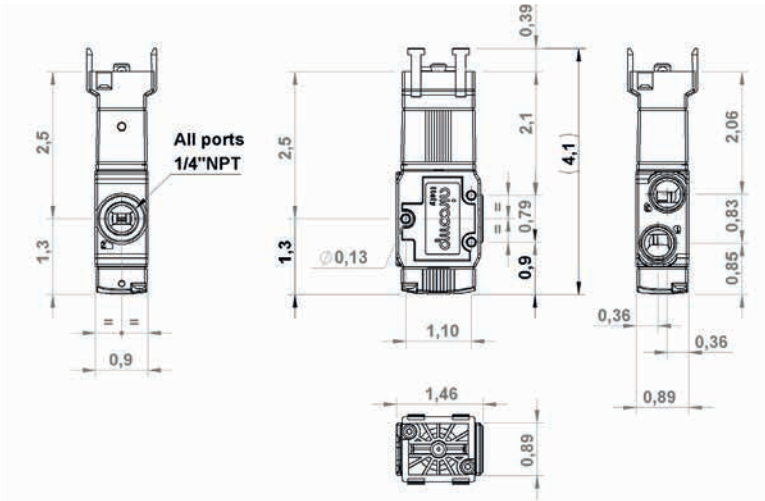
VALVES FOR PANEL MOUNTING ACTUATORS

3/2 VALVES FOR PANEL MOUNTING ACTUATORS



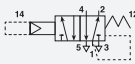
CODE	REFERENCES
 1262533009	MER 1/4" 22 3 PB PM NC P
 1262533010	MER 1/4" 22 3 PB PM NO P

TECHNICAL DATA
Working pressure 14.5-145 PSIG
Weight 0.20 lb

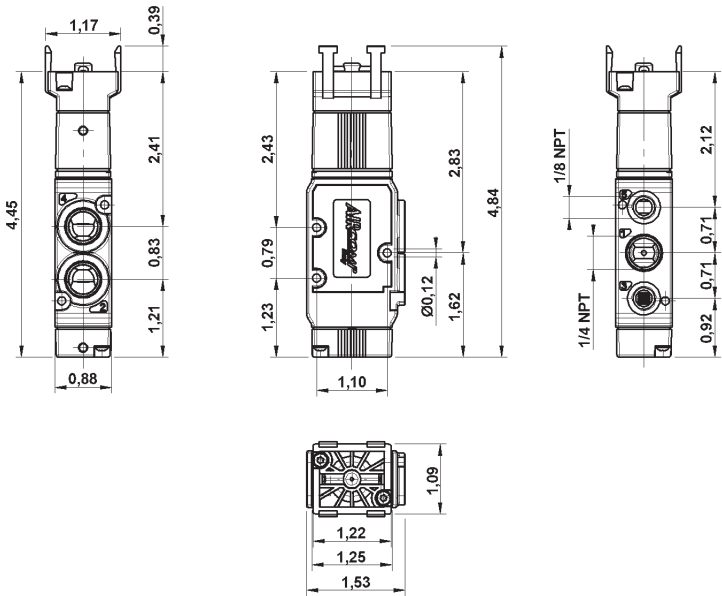


5/2 VALVES FOR PANEL MOUNTING ACTUATORS



CODE	REFERENCES
 1262535005	MER 1/4" 22 5 PB PM OO P

TECHNICAL DATA
Working pressure 14.5-145 PSIG
Weight 0.24 lb



For actuators code and features, refer to page 2.27

LINE 127 1/4" NPT | VALVES FOR PANEL MOUNTING ACTUATORS

3/2 VALVES FOR PANEL MOUNTING ACTUATORS

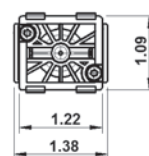
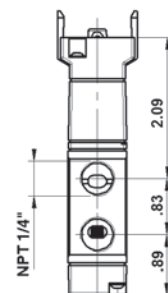
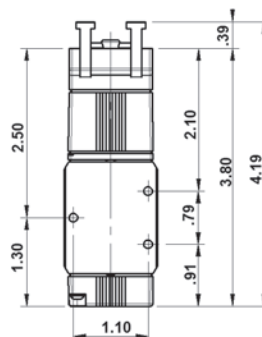
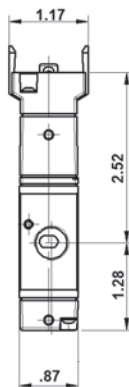


	CODE	REFERENCES
	1272553009	MER 1/4" 22 3 PB PM NC M
	1272553010	MER 1/4" 22 3 PB PM NO M

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.31 lb



5/2 VALVES FOR PANEL MOUNTING ACTUATORS



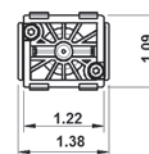
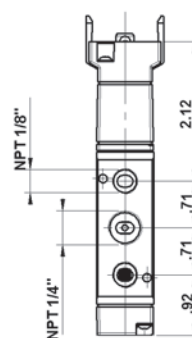
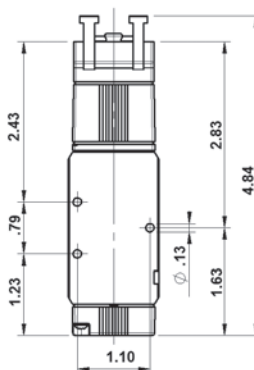
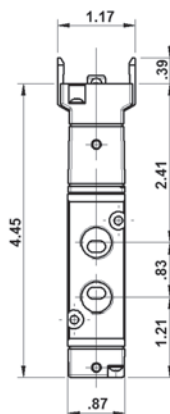
	CODE	REFERENCES
	1272555002	MER 1/4" 22 5 PB PM OO M

TECHNICAL DATA

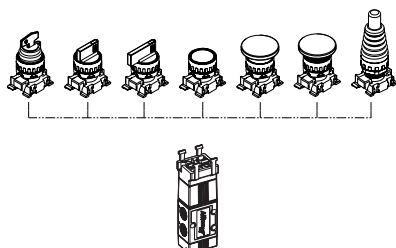
Working pressure 14.5-45 PSIG

Thrust force (at 87 PSIG) 4,5 N

Weight 0.32 lb



AVAILABLE CONFIGURATIONS (*)



For actuators code and features, refer to page 2.27

LINE 100-121-126-127 NPT | PANEL ACTUATORS

PUSH-BUTTON PROTECTION



COLOR	CODE	CONF.
TRANSPARENT	1003A00080	10 pieces

MUSHROOM PROTECTION



COLOR	CODE	CONF.
YELLOW	1003A00086	5 pieces

SELECTOR PROTECTION



COLOR	CODE	CONF.
GREY	1003A00087	5 pieces

PLASTIC PLATE EMERGENCY-STOP



COLOR	CODE	Ø	CONF.
YELLOW	1003A00088	40mm	10 pieces
YELLOW	1003A00089	60mm	10 pieces

PLATE FOR SELECTOR (NEUTRAL)



COLOR	CODE	CONF.
BLACK	1003A00090	10 pieces

PANEL PLUG



COLOR	CODE	CONF.
GREY	1003A00091	10 pieces

AIR PREPARATION

VALVES

WATER PREPARATION

LINE 100 $\varnothing 5/32''$ | MANUAL VALVES

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

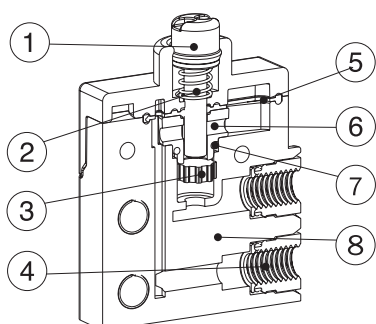
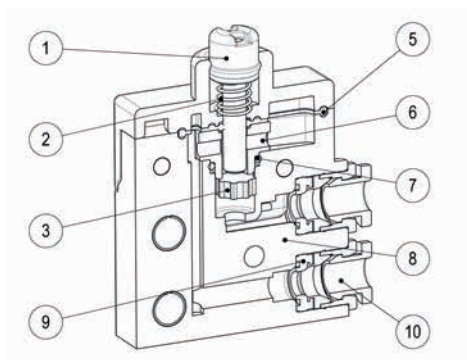
Construction	poppet type
Body size	0.6 In
Body material	technopolymer
Single use	YES
Combined use	NO
Available functions	Single use 2/2; 3/2; 5/3 CA; 5/3 CP

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	M5; AU4
Working Pressure	29-145 PSIG
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	(P1= 87 PSIG; Δ P= 14.5 PSIG) 2.6 SCFM

GUIDE TO REFERENCES

MV	AU4	15	3	LT	ML	NC	P
Product MV = Microvalve							Material P = Technopolymer
Connection AU4 = $\varnothing 5/32''$ Push-in fittings M5 = M5 AL4 = $\varnothing 5/32''$ push-in fittings (side ports) Double acting ML5 = Side ports						Option NC = Normally closed NO = Normally opened	
Size 15 = 15 mm						Return ML = Spring	
Function 2 = 2/2 3 = 3/2						Operation LT = Push lever DLT = Double push lever	



USED MATERIALS

1. **Pushrod** - POM
2. **Pushrod spring** - Stainless steel
3. **Gasket** - NBR
4. **Insert** - Brass
5. **Gasket** - NBR
6. **Nozzle** - POM
7. **O-Ring** - NBR
8. **Body** - POM
9. **Gasket** - NBR
10. **Spintore CAS** - POM

LINE 100 $\phi 5/32''$ | MANUAL VALVES

PUSH LEVER MICROVALVES

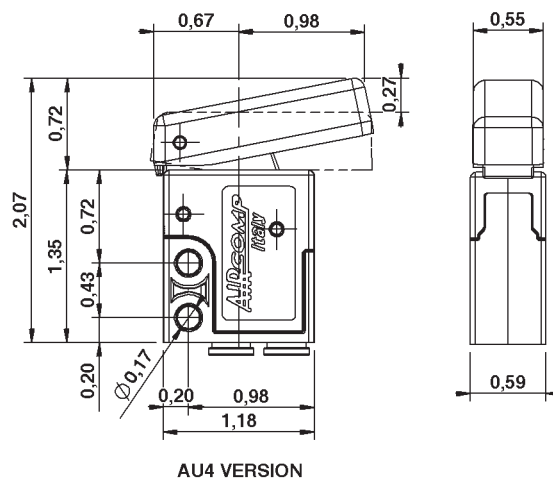
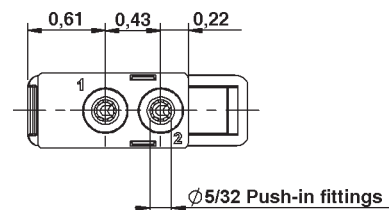


	CODE	REFERENCES
	1000492006	MV AU4 15 2 LT ML NC P
	1000493011 1000493014	MV AU4 15 3 LT ML NC P MV AU4 15 3 LT ML NC P YELLOW
	1000493012	MV AU4 15 3 LT ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.8 lbf

Weight 0,062 lb



PUSH LEVER MICROVALVES WITH SIDE PORTS

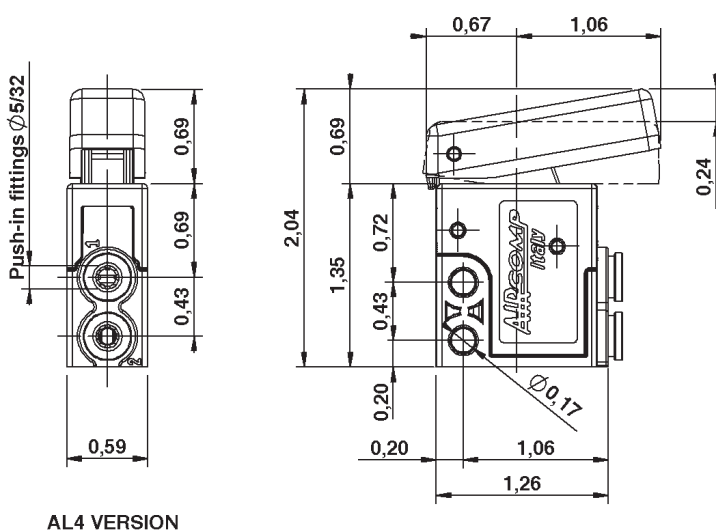


	CODE	REFERENCES
	1000492106	MV AL4 15 2 LT ML NC P
	1000493111 1000493114	MV AL4 15 3 LT ML NC P MV AL4 15 3 LT ML NC P YELLOW
	1000493112	MV AL4 15 3 LT ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.8 lbf

Weight 0.062 lb



AIR PREPARATION

VALVES

WATER PREPARATION

LINE 100 $\varnothing 5/32''$ | MANUAL VALVES

DOUBLE PUSH LEVER MICROVALVES

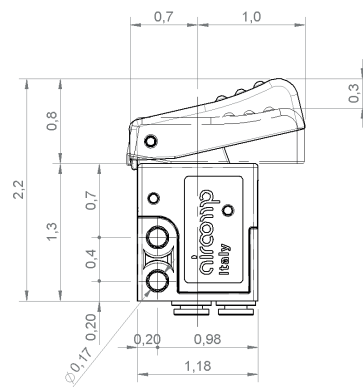
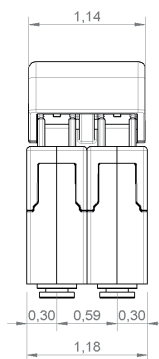
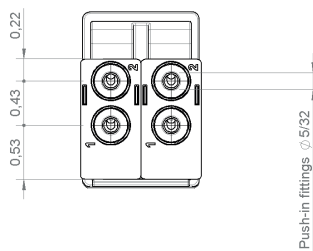


CODE	REFERENCES
	1000493018 MV AU4 15 3 DLT NC+NO P
	1000493019 MV AU4 15 3 DLT NC+NC P
	1000493020 MV AU4 15 3 DLT NO+NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 2.25 lbf

Weight 0.12 lb



DOUBLE PUSH LEVER MICROVALVES WITH SIDE PORTS

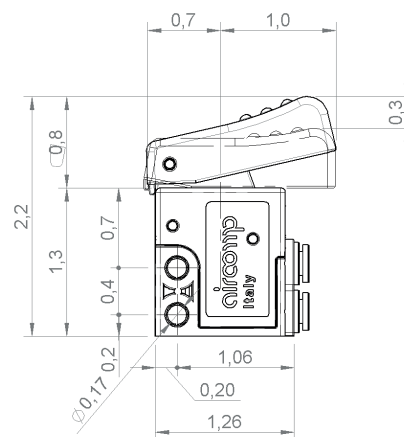
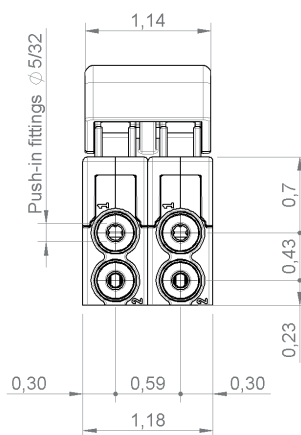


CODE	REFERENCES
	1000493130 MV AL4 15 3 DLT NC+NO P
	1000493132 MV AL4 15 3 DLT NC+NC P
	1000493131 MV AL4 15 3 DLT NO+NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 2.25 lbf

Weight 0.12 lb



LINE 121 1/8" NPT | MANUAL VALVES



GENERAL FEATURES

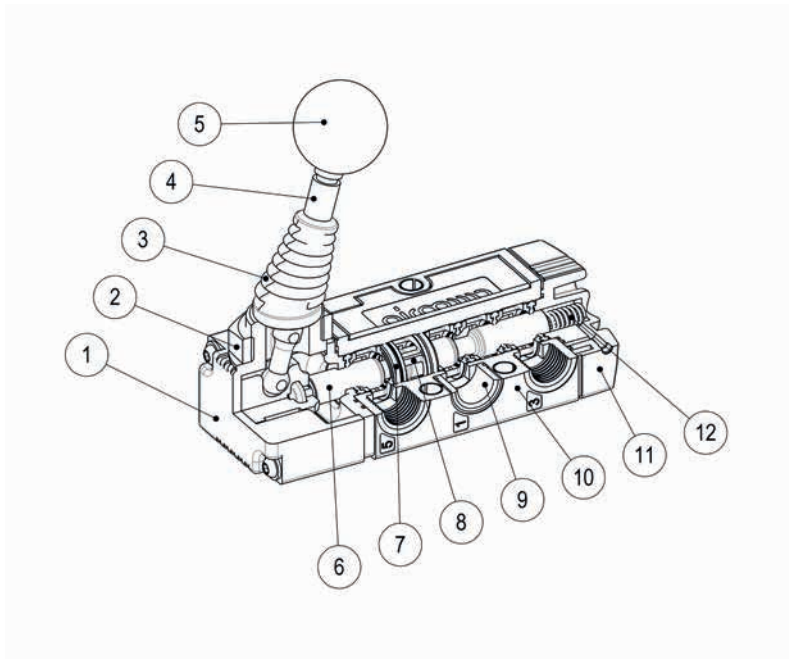
Construction	spool valve
Body size	0.86 in
Body material	technopolymer
Single use	YES
Manifold use	NO
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	1/8" NPT
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 23.6 SCFM, 5/3= 19.4 SCFM, 3/2= 24.3 SCFM

GUIDE TO REFERENCES

VM	1/8"	22	3	L9	ML	NC	P	
Product								Material
VM = Manual valves								P = Technopolymer
Connection								Option
1/8" = 1/8" NPT								NC = Normally closed NO = Normally opened CC = Closed centres CA = Opened centres CA = Pressure centre OO = 5/2
Size								Return
22 = 0.86 in								ML = Spring PM = Pneum. mech. spring BS = Bistable ST = Stable on 3 position RC = Return to centre MP = Pneumatic spring
Function								Operation
3 = 3/2 5 = 5/2 6 = 5/3								LS = Sensible taste lever TA = Push-pull LV = Axial lever L9 = 90° lever LC = Short lever TCA = Short push-pull



USED MATERIALS

1. Operator body - PA+FV
2. Nut - Galvanized Steel
3. Cover - NBR
4. Lever Pin - Galvanized Steel
5. Handle - Resin
6. Spool - Nickel Plated Aluminium
7. Gasket - NBR
8. Spacers - Brass
9. Insert - Brass
10. Body valve - PBT+FV
11. Base command - PA+FV
12. Spring - Stainless steel

LINE 121 VM 1/8" NPT | MANUAL VALVES

3/2 90° LEVER VALVES

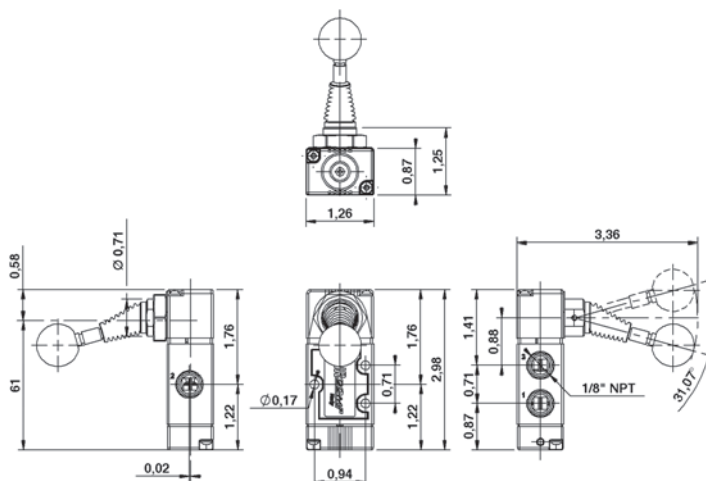


	CODE	REFERENCES
	1212323006	VM 1/8" 22 3 L9 ML NC P
	1212323007	VM 1/8" 22 3 L9 BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.20 lb



5/2 - 5/3 90° LEVER VALVES

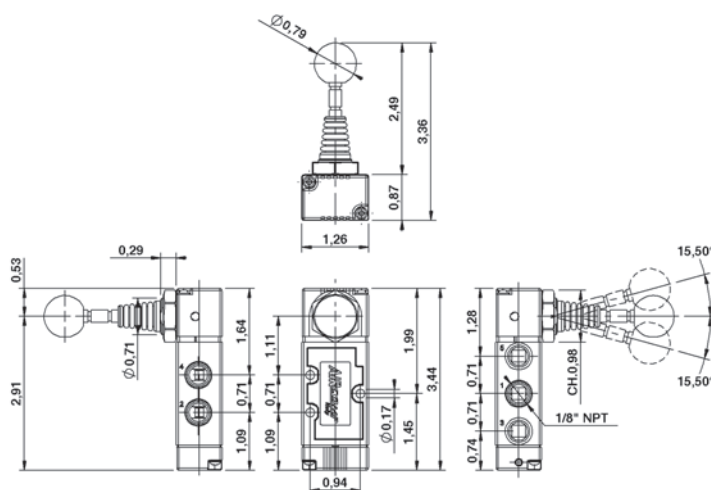


	CODE	REFERENCES
	1212325005	VM 1/8" 22 5 L9 ML OO P
	1212325006	VM 1/8" 22 5 L9 BS OO P
	1212326007	VM 1/8" 22 6 L9 ST CC P
	1212326008	VM 1/8" 22 6 L9 ST CA P
	1212326009	VM 1/8" 22 6 L9 ST CP P
	1212326010	VM 1/8" 22 6 L9 RC CC P
	1212326011	VM 1/8" 22 6 L9 RC CA P
	1212326012	VM 1/8" 22 6 L9 RC CP P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.23 lb



LINE 121 VM 1/8" NPT | MANUAL VALVES

3/2 AXIAL LEVER VALVES

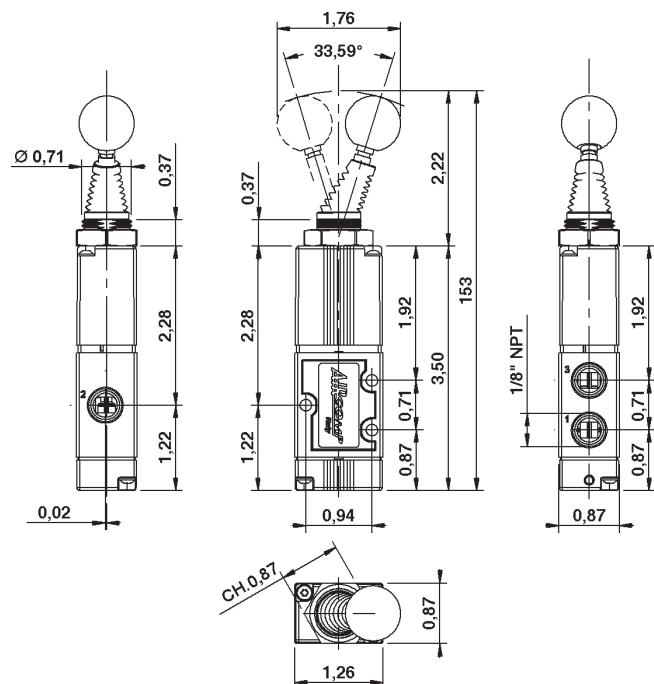


	CODE	REFERENCES
	1212323004	VM 1/8" 22 3 LV ML NC P
	1212323005	VM 1/8" 22 3 LV BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.21 lb



5/2 - 5/3 AXIAL LEVER VALVES

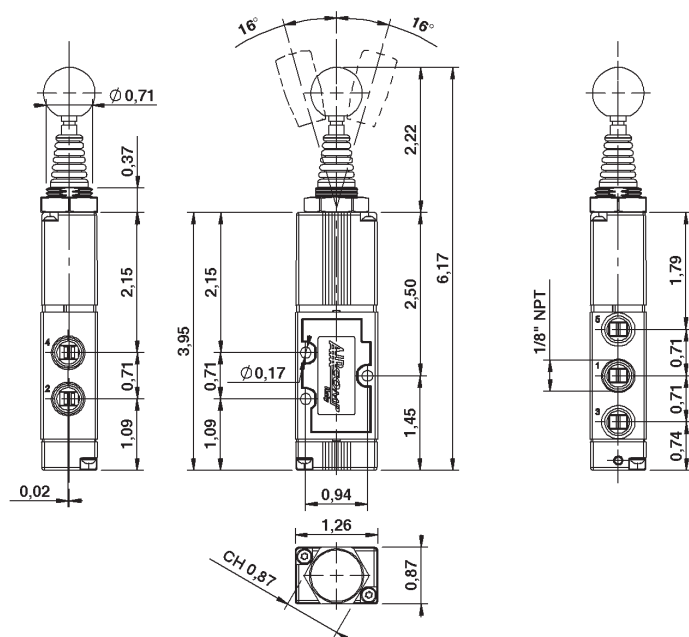


	CODE	REFERENCES
	1212325003	VM 1/8" 22 5 LV ML OO P
	1212325004	VM 1/8" 22 5 LV BS OO P
	1212326001	VM 1/8" 22 6 LV ST CC P
	1212326002	VM 1/8" 22 6 LV ST CA P
	1212326003	VM 1/8" 22 6 LV ST CP P
	1212326004	VM 1/8" 22 6 LV RC CC P
	1212326005	VM 1/8" 22 6 LV RC CA P
	1212326006	VM 1/8" 22 6 LV RC CP P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.22 lb



AIR PREPARATION

VALVES

WATER PREPARATION

LINE 121 VM 1/8" NPT | MANUAL VALVES

3/2 DETENTED PUSH-PULL OPERATED VALVES

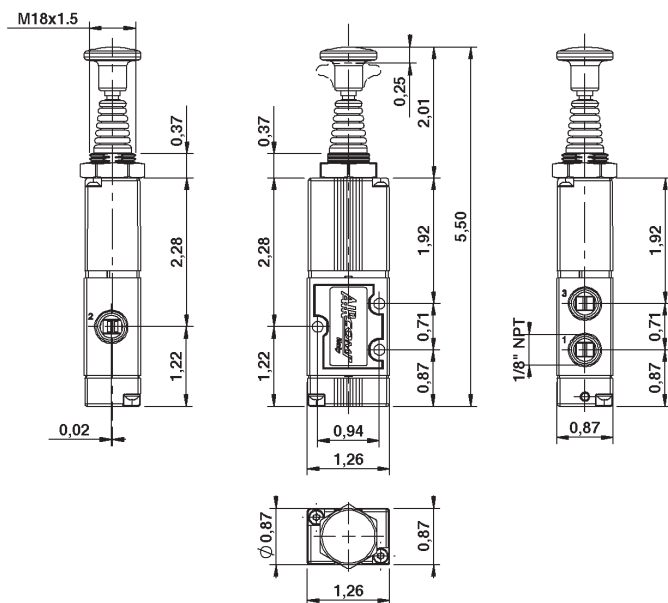


	CODE	REFERENCES
	1212323001	VM 1/8" 22 3 TA ML NC P
	1212323002	VM 1/8" 22 3 TA BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.21 lb



5/2 - 5/3 DETENTED PUSH-PULL OPERATE VALVES

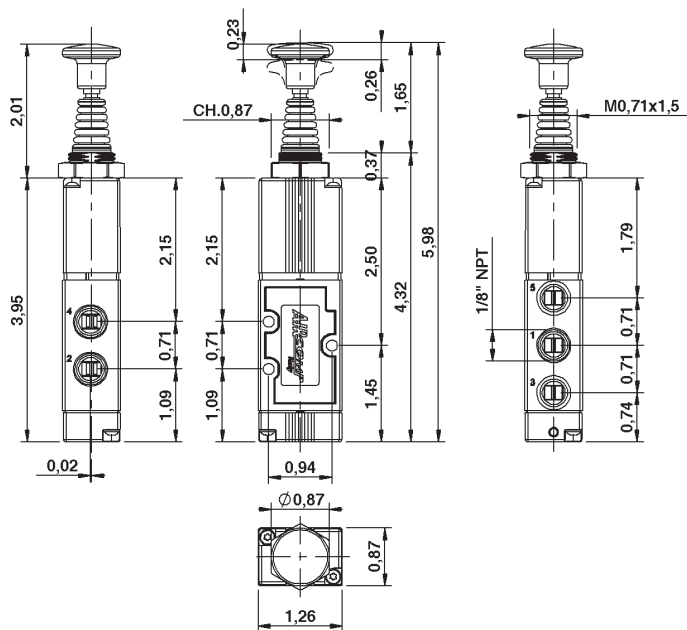


	CODE	REFERENCES
	1212325001	VM 1/8" 22 5 TA ML OO P
	1212325002	VM 1/8" 22 5 TA BS OO P
	1212326013	VM 1/8" 22 6 TA RC CC P
	1212326014	VM 1/8" 22 6 TA RC CA P
	1212326015	VM 1/8" 22 6 TA RC CP P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.22 lb



AIR PREPARATION

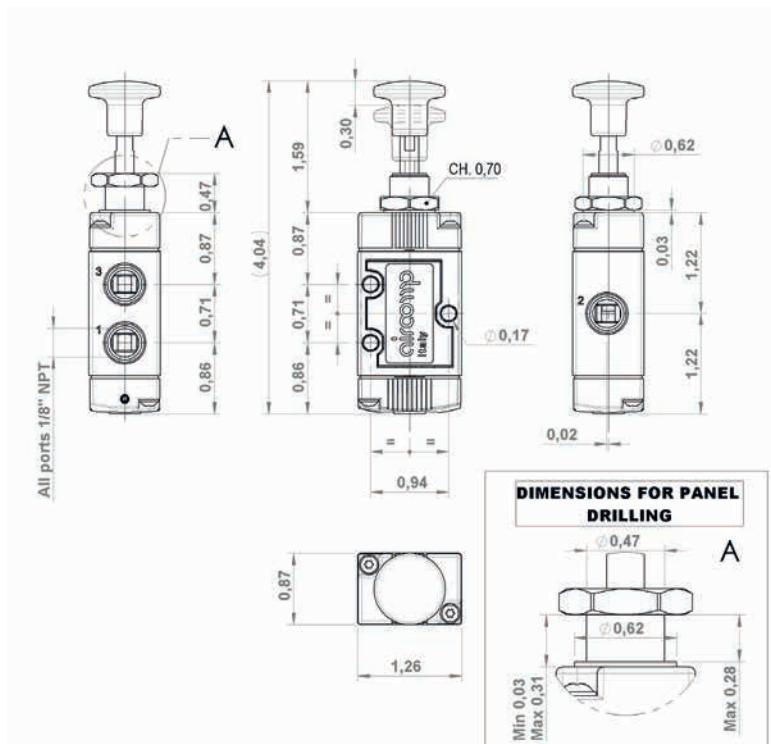
VALVES



WATER PREPARATION

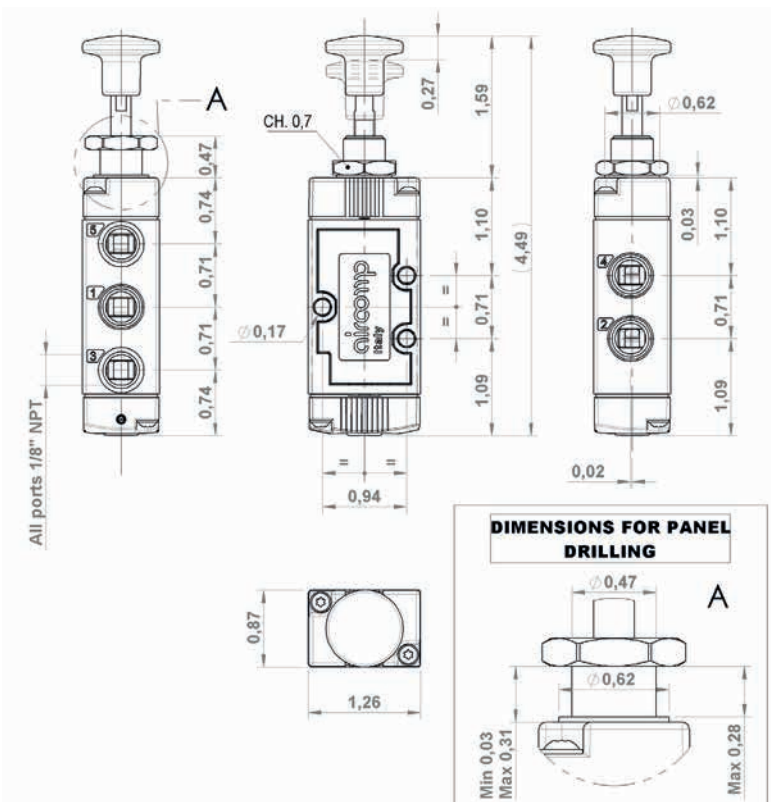
Working pressure 0-145 PSIG

Weight 0.17 lb



Working pressure 0-145 PSIG

Weight 0.19 lb



LINE 121 ME 1/8" NPT | MANUAL VALVES

3/2 SENSIBLE PUSH LEVER VALVES

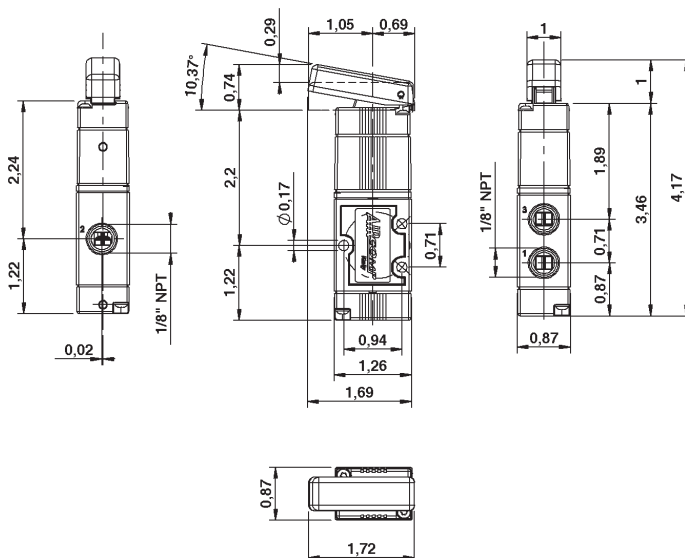


	CODE	REFERENCES
	1212523011	ME 1/8" 22 3 LS PM NC P
	1212523012	ME 1/8" 22 3 LS PM NO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.18 lb



5/2 SENSIBLE PUSH LEVER VALVES

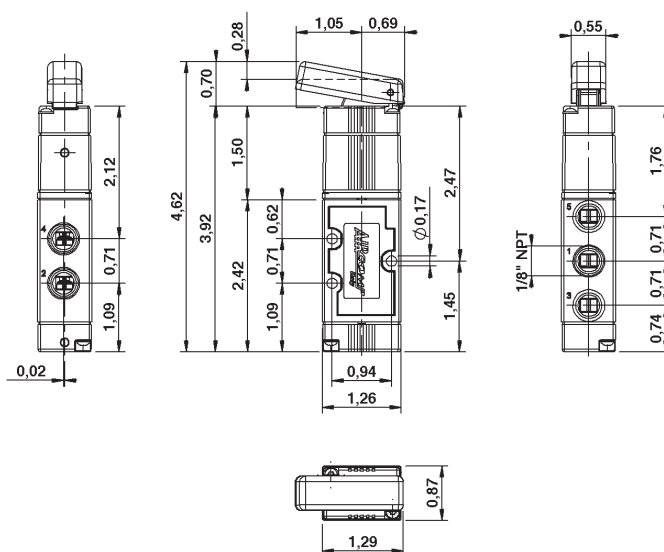


	CODE	REFERENCES
	1212525006	ME 1/8" 22 5 LS PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.20 lb



LINE 126 VMR 1/4" NPT | MANUAL VALVES

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

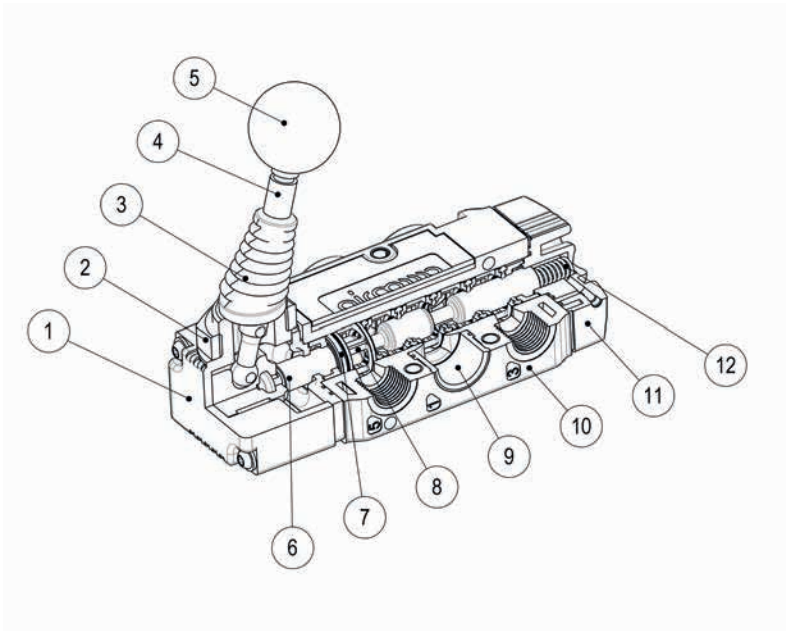
Construction	spool valve
Body size	0.86 in
Body material	technopolymer
Single use	YES
Manifold use	NO
Available functions	3/2, 5/2; 5/3

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	1/4" NPT
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37.5°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 28 SCFM 5/3= 26.5 SCFM 3/2= 28 SCFM

GUIDE TO REFERENCES

VMR	1/4"	22	5	L9	ML	00	P
Product							Material
VMR = Manual valves							P = Technopolymer
Connection							Option
1/4" = 1/4" NPT							CC = Closed centres NC = Normally closed CA = Opened centres CP = Pressure centre NO = Normally opened OO = 5/2
Size							Return
22 = 0.86 in							ML = Spring BS = Bistable ST = Stable on 3 position RC = Return to centre MP = Pneumatic spring
Function							Operation
3 = 3/2 5 = 5/2 6 = 5/3							LS = Sensible taste lever TA = Push-pull LV = Axial lever L9 = 90° lever LC = Short lever TCA = Short push-pull



USED MATERIALS

1. Operator body - PA+FV
2. Nut - Galvanized Steel
3. Cover - NBR
4. Lever Pin - Galvanized Steel
5. Handle - Resin
6. Spool - Nickel Plated Aluminium
7. Gasket - NBR
8. Spacers - Brass
9. Insert - Brass
10. Body valve - PBT+FV
11. Base command - PA+FV
12. Spring - Stainless steel

LINE 126 MER 1/4" NPT | MANUAL VALVES

3/2 90° LEVER VALVES

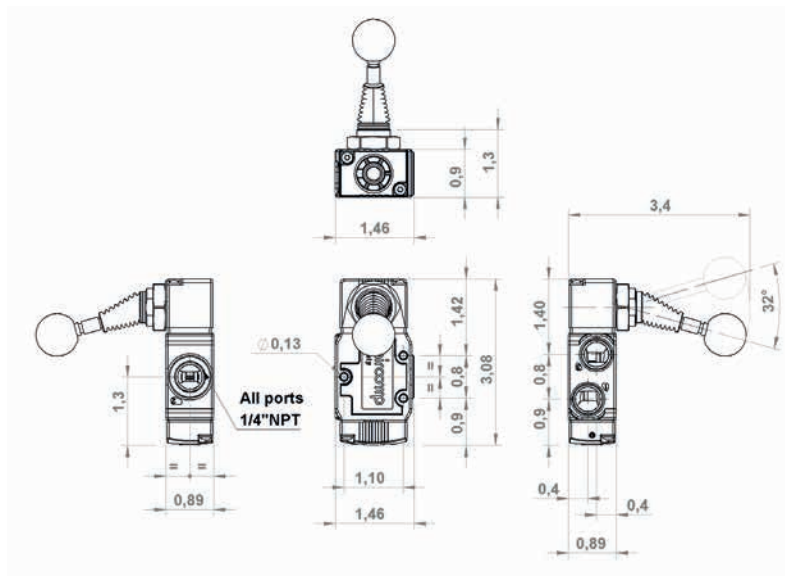


	CODE	REFERENCES
	1262333006	VMR 1/4" 22 3 L9 ML NC P
	1262333007	VMR 1/4" 22 3 L9 BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.24 lb



5/2 - 5/3 90° LEVER VALVES

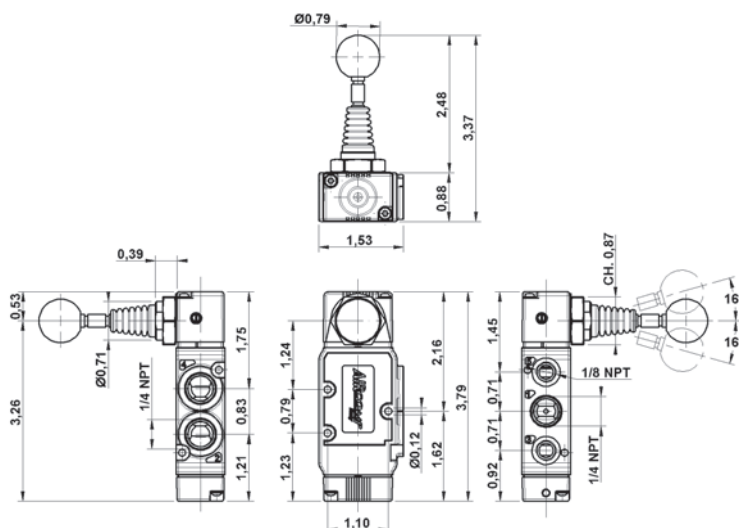


	CODE	REFERENCES
	1262335005	VMR 1/4" 22 5 L9 ML OO P
	1262335006	VMR 1/4" 22 5 L9 BS OO P
	1262336007	VMR 1/4" 22 6 L9 ST CC P
	1262336008	VMR 1/4" 22 6 L9 ST CA P
	1262336009	VMR 1/4" 22 6 L9 ST CP P
	1262336010	VMR 1/4" 22 6 L9 RC CC P
	1262336011	VMR 1/4" 22 6 L9 RC CA P
	1262336012	VMR 1/4" 22 6 L9 RC CP P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.27 lb



LINE 126 VMR 1/4" NPT | MANUAL VALVES

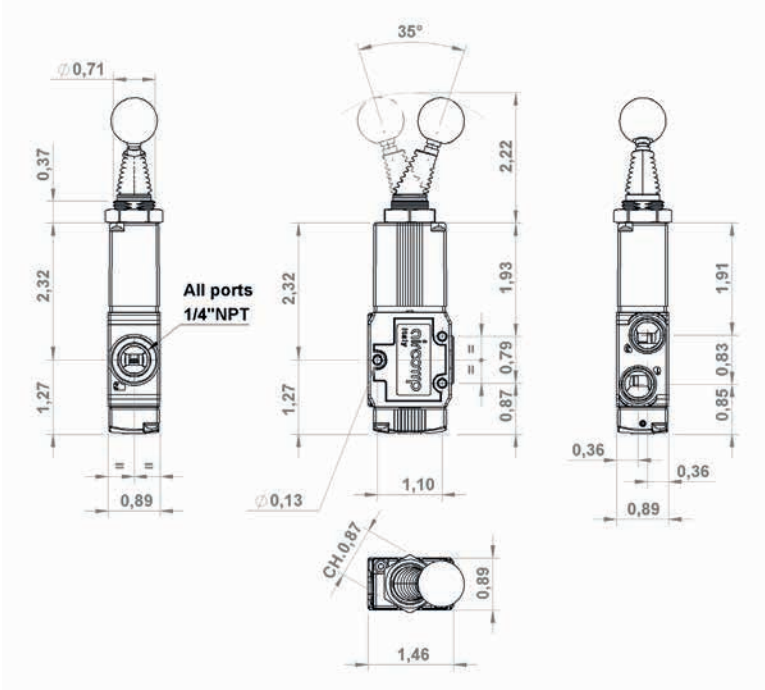
3/2 AXIAL LEVER VALVES



	CODE	REFERENCES
	1262333004	VMR 1/4" 22 3 LV ML NC P
	1262333005	VMR 1/4" 22 3 LV BS OO P

TECHNICAL DATA

Working pressure	0-145 PSIG
Weight	0.24 lb



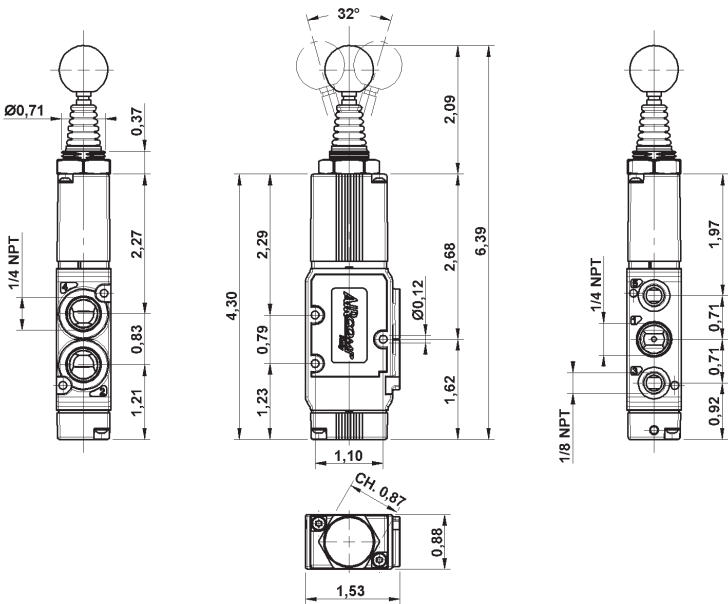
5/2 - 5/3 AXIAL LEVER VALVES



	CODE	REFERENCES
	1262335003	VMR 1/4" 22 5 LV ML OO P
	1262335004	VMR 1/4" 22 5 LV BS OOP
	1262336001	VMR 1/4" 22 6 LV ST CC P
	1262336002	VMR 1/4" 22 6 LV ST CA P
	1262336003	VMR 1/4" 22 6 LV ST CP P
	1262336004	VMR 1/4" 22 6 LV RC CC P
	1262336005	VMR 1/4" 22 6 LV RC CA P
	1262336006	VMR 1/4" 22 6 LV RC CP P

TECHNICAL DATA

Working pressure	0-145 PSIG
Weight	0.27 lb



LINE 126 VMR 1/4" NPT | MANUAL VALVES

3/2 SHORT PUSH-PULL VALVE

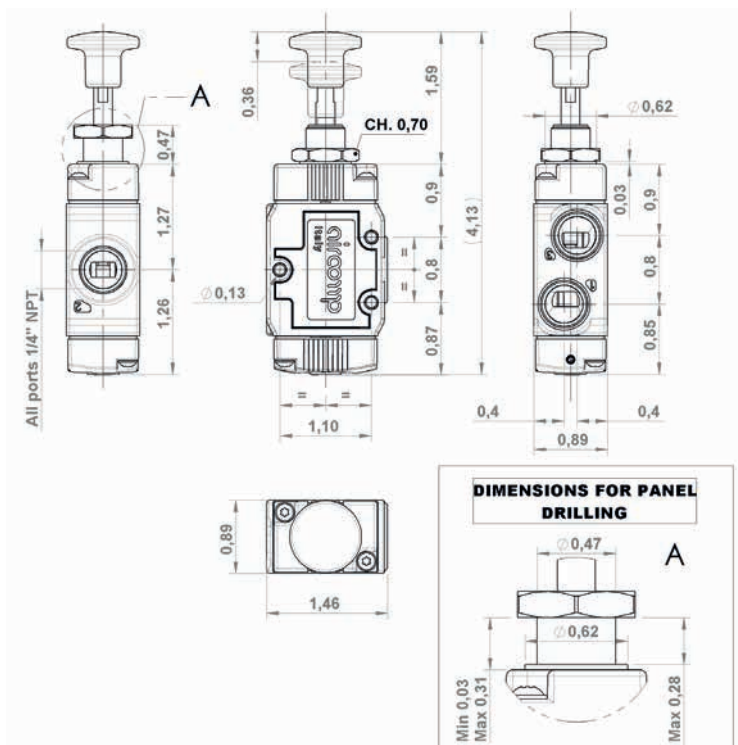


	CODE	REFERENCES
	1262333011	VMR 1/4" 22 3 TCA ML NC P
	1262333012	VMR 1/4" 22 3 TCA BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.19 lb



5/2 SHORT PUSH-PULL VALVE

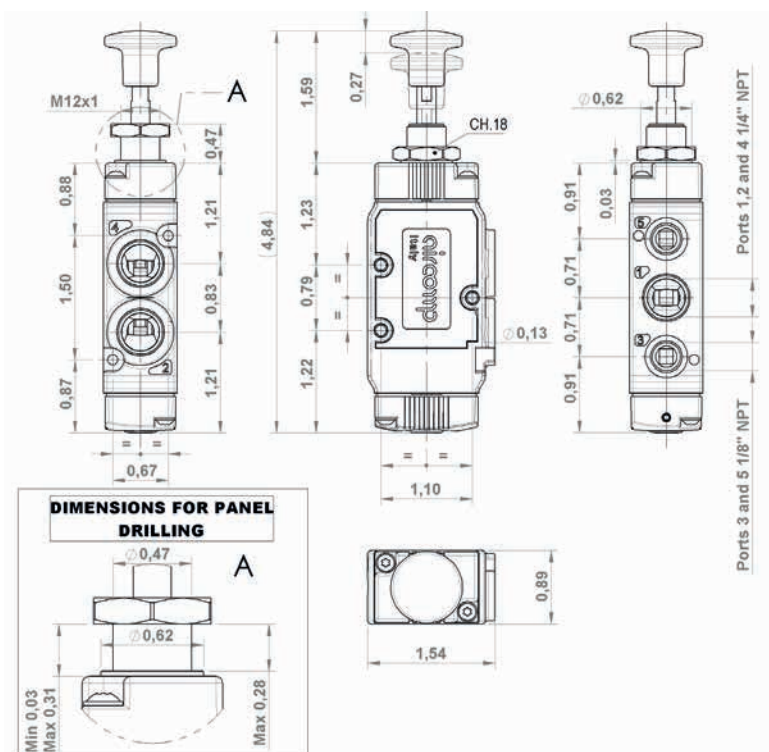


	CODE	REFERENCES
	1262335011	VMR 1/4" 22 5 TCA ML OO P
	1262335012	VMR 1/4" 22 5 TCA BS OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.21 lb



LINE 126 VMR 1/4" NPT | MANUAL VALVES

3/2 SENSIBLE TASTE LEVER VALVES

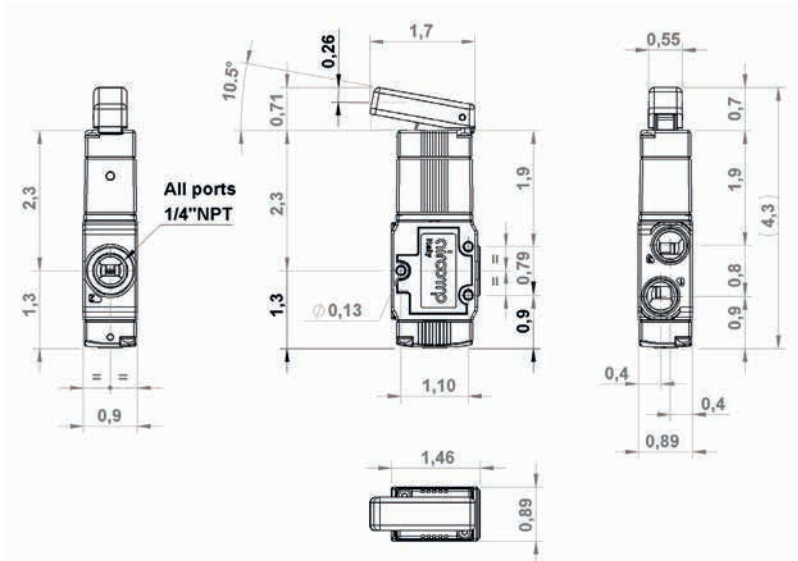


	CODE	REFERENCES
	1262533011	MER 1/4" 22 3 LS ML NC P
	1262533012	MER 1/4" 22 3 LS ML NO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.22 lb



5/2 SENSIBLE TASTE LEVER VALVES

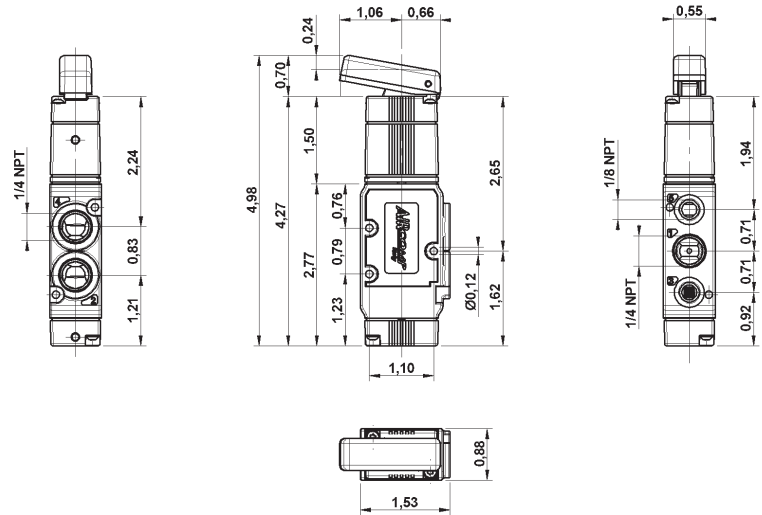


	CODE	REFERENCES
	1262535006	MER 1/4" 22 5 LS PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.24 lb



AIR PREPARATION

VALVES

WATER PREPARATION

LINE 127 1/4" NPT | MANUAL VALVES

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Construction	spool valve
Body size	0.86 in
Body material	aluminium
Single use	YES
Manifold use	NO
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Costruzione	spool valve
Fluid	filtered air with or without lubrication
Connections	1/4"
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 28 SCFM 5/3= 26.5 SCFM 3/2= 28 SCFM

GUIDE TO REFERENCES

VMR 1/4" 22 3 L9 ML NC M

Product
VMR = Manual valves

Connection
1/4" = 1/4" NPT

Size
22 = 0.86 in

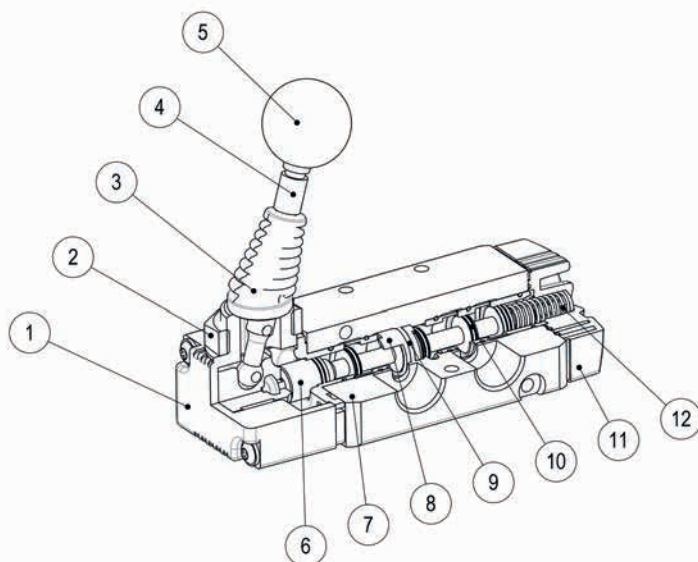
Function
3 = 3/2
5 = 5/2
6 = 5/3

Material
M = Metal

Option
NC = Normally closed
NO = Normally opened
CC = Closed centres
CA = Opened centres
CP = Pressure centre
OO = 5/2

Return
ML = Spring
BS = Bistable
ST = Stable on 3 position
RC = Return to centre
MP = Pneumatic spring

Operation
LS = Sensible taste lever
TA = Push-pull
LV = Axial lever
L9 = 90° lever
LC = Short lever
TCA = Short push-pull



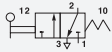
USED MATERIALS

1. **Operator body** - Pa+Fv
2. **Nut** - Galvanized Steel
3. **Cover** - NBR
4. **Lever Pin** - Galvanized Steel
5. **Handle** - Resin
6. **Spool** - Nickel Plated Aluminium
7. **Body valve** - Aluminium
8. **Spacers** - POM
9. **OR spacers** - NBR
10. **Seals** - NBR
11. **Base command** - Pa+Fv
12. **Spring** - Stainless steel

LINE 127 VMR 1/4" NPT | MANUAL VALVES

3/2 90° LEVER VALVE

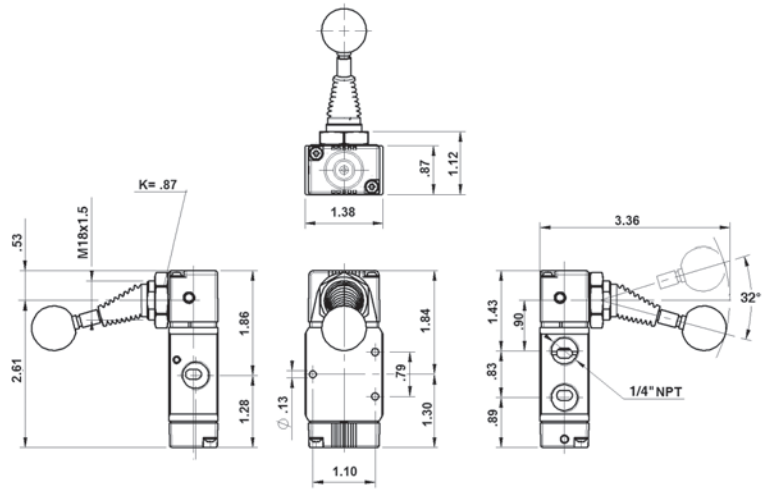


CODE	REFERENCES
 1272353006	VMR 1/4" 22 3 L9 ML NC M
 1272353007	VMR 1/4" 22 3 L9 BS OO M

TECHNICAL DATA

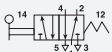
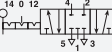
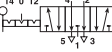
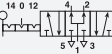
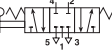
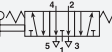
Working pressure 0-145 PSIG

Weight 0.34 lb



LEVER VALVE 90° 5/2 - 5/3

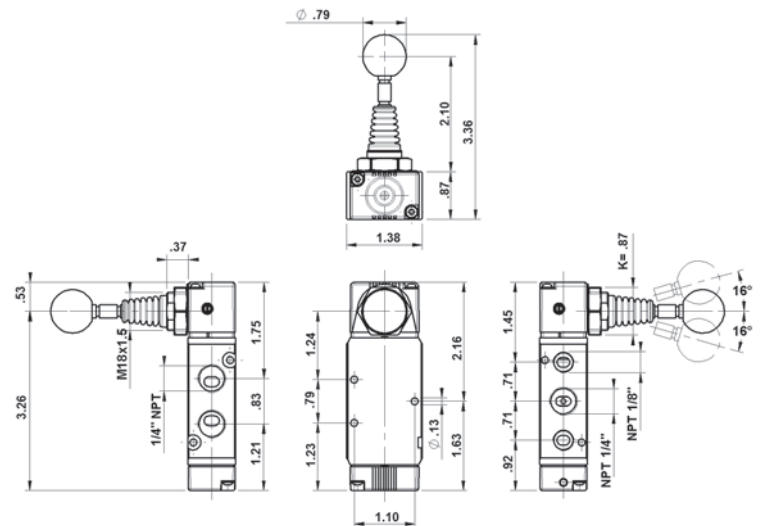


CODE	REFERENCES
 1272355005	VMR 1/4" 22 5 L9 ML OO M
 1272355006	VMR 1/4" 22 5 L9 BS OO M
 1272356007	VMR 1/4" 22 6 L9 ST CC M
 1272356008	VMR 1/4" 22 6 L9 ST CA M
 1272356009	VMR 1/4" 22 6 L9 ST CP M
 1272356010	VMR 1/4" 22 6 L9 RC CC M
 1272356011	VMR 1/4" 22 6 L9 RC CA M
 1272356012	VMR 1/4" 22 6 L9 RC CP M

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.35 lb



LINE 127 VMR 1/4" NPT | MANUAL VALVES

AXIAL LEVER VALVE 3/2

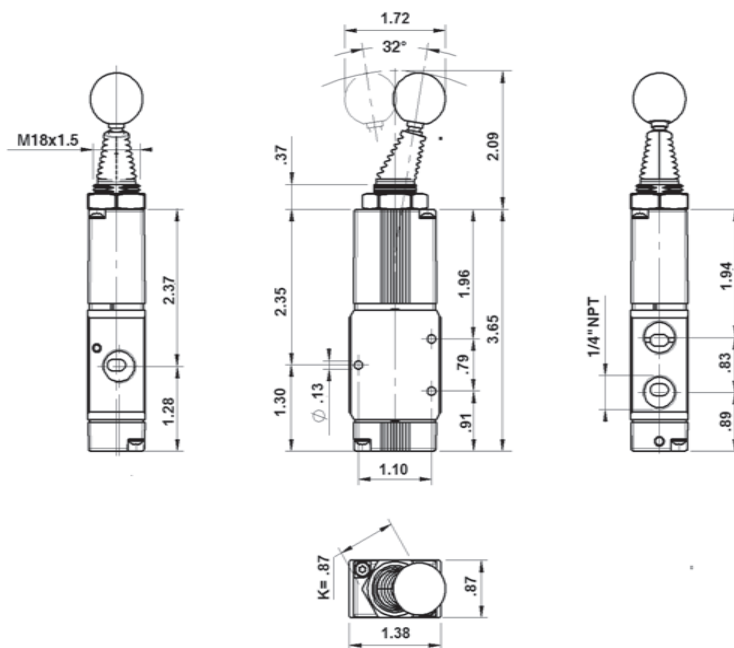


	CODE	REFERENCES
	1272353004	VMR 1/4" 22 3 LV ML NC M
	1272353005	VMR 1/4" 22 3 LV BS OO M

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.35 lb



5/2 - 5/3 AXIAL LEVER VALVES

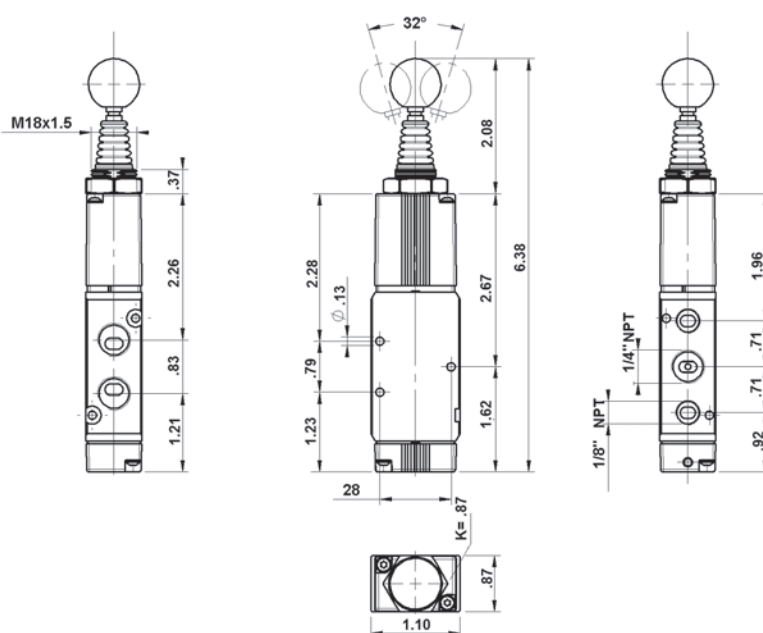


	CODE	REFERENCES
	1272355003	VMR 1/4" 22 5 LV ML OO M
	1272355004	VMR 1/4" 22 5 LV BS OO M
	1272356001	VMR 1/4" 22 6 LV ST CC M
	1272356002	VMR 1/4" 22 6 LV ST CA M
	1272356003	VMR 1/4" 22 6 LV ST CP M
	1272356004	VMR 1/4" 22 6 LV RC CC M
	1272356005	VMR 1/4" 22 6 LV RC CA M
	1272356006	VMR 1/4" 22 6 LV RC CP M

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.35 lb



LINE 127 VMR 1/4" NPT | MANUAL VALVES

3/2 DETENTED PUSH-PULL VALVES

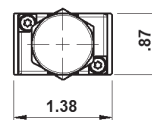
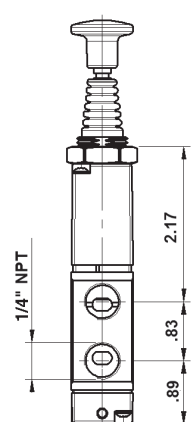
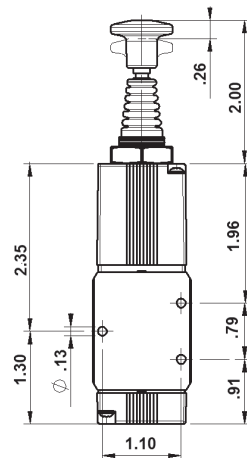
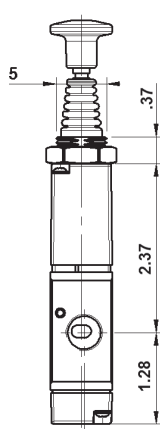


	CODE	REFERENCES
	1272353001	VMR 1/4" 22 3 TA ML NC M
	1272353002	VMR 1/4" 22 3 TA BS OO M

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.34 lb



5/2 - 5/3 DETENTED PUSH-PULL VALVES

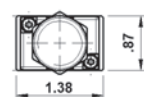
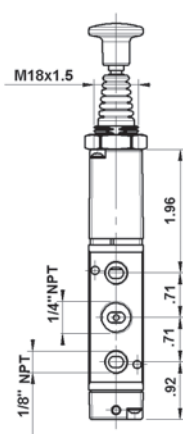
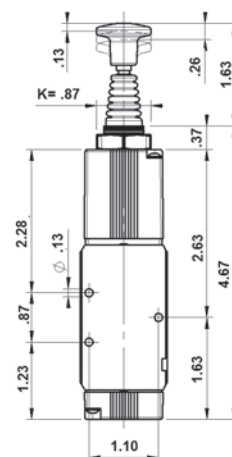
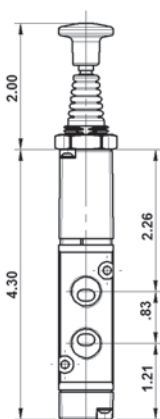


	CODE	REFERENCES
	1272355001	VMR 1/4" 22 5 TA ML OO M
	1272355002	VMR 1/4" 22 5 TA BS OO M
	1272356013	VMR 1/4" 22 6 TA RC CC M
	1272356014	VMR 1/4" 22 6 TA RC CA M
	1272356015	VMR 1/4" 22 6 TA RC CP M

TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.36 lb



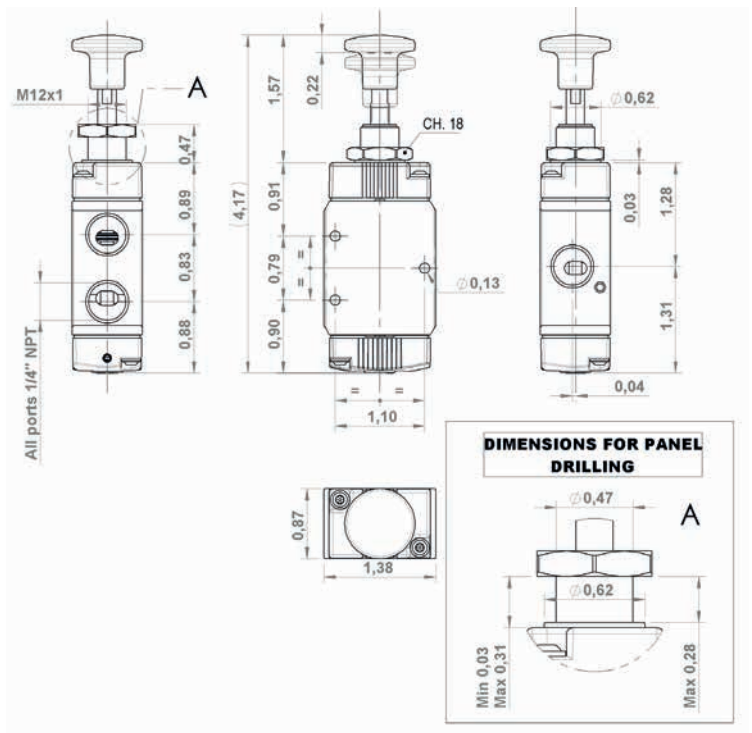
	CODE	REFERENCES
	1272353012	VMR 1/4" 22 3 TCA ML NC M



TECHNICAL DATA

Working pressure 0-145 PSIG

Weight 0.23 lb



SHORT PUSH-PULL VALVES 5/2



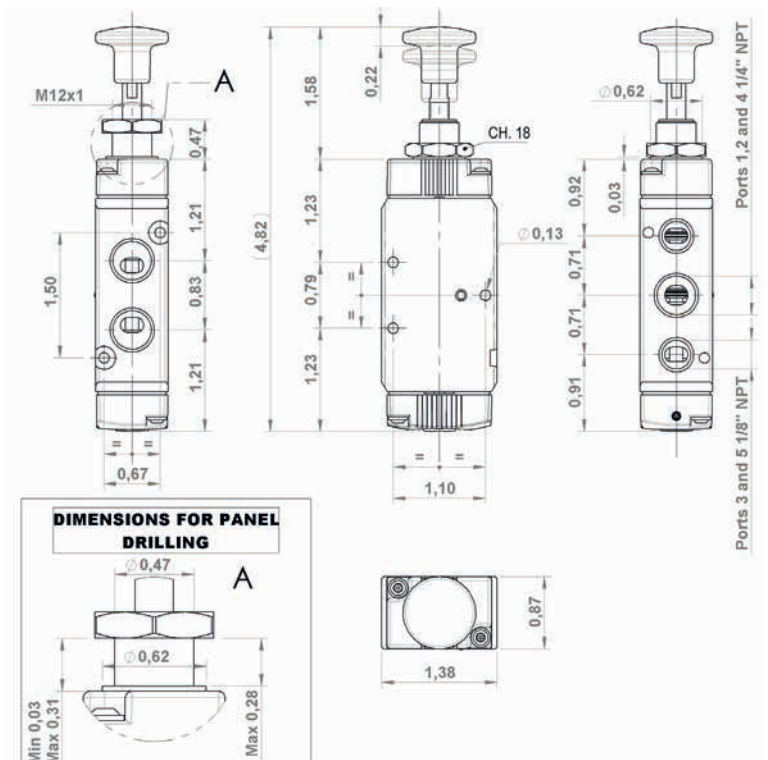
	CODE	REFERENCES
	1272355007	VMR 1/4" 22 5 TCA ML OO M

 **1272355008** **VMR 1/4" 22 5 TCA BS OO M**

TECHNICAL DATA

Working pressure 0-145 PSIG

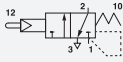
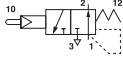
Weight 0.28 lb



LINE 127 MER 1/4" NPT | MANUAL VALVES

3/2 SENSIBLE PUSH LEVER VALVES

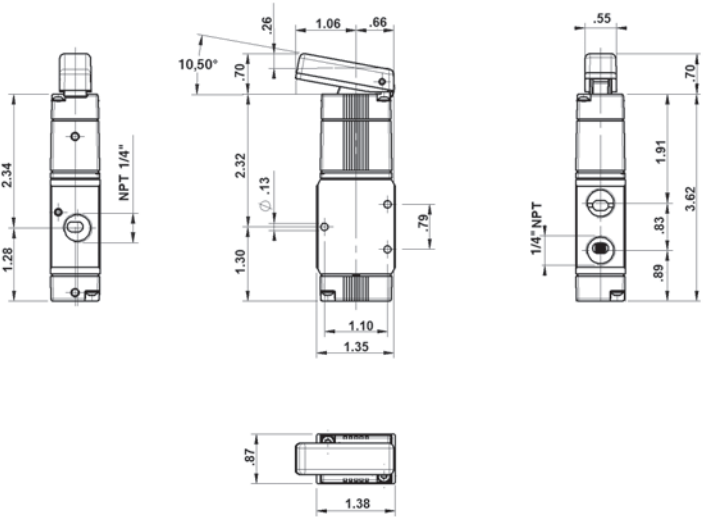


CODE	REFERENCES
 1272553011	MER 1/4" 22 3 LS PM NC M
 1272553012	MER 1/4" 22 3 LS PM NO M

TECHNICAL DATA

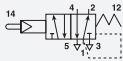
Working pressure 14.5-145 PSIG

Weight 0.31 lb



5/2 SENSIBLE PUSH LEVER VALVES

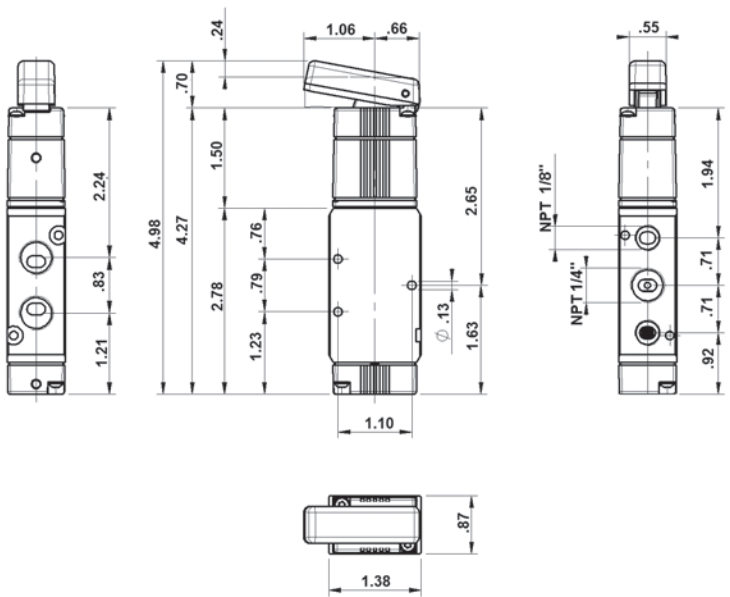


CODE	REFERENCES
 1272555006	MER 1/4" 22 5 LS PM OO M

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.33 lb



LINE 100 $\varnothing 5/32''$ | MECHANICAL VALVES

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Construction	poppet type
Body size	0.6 in
Body material	technopolymer
Single use	YES
Combined use	NO
Available functions	Single use 2/2; 3/2

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	M5; AU4
Working Pressure	29-145 PSIG
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 2.9 SCFM

GUIDE TO REFERENCES

MV AU4 15 3 PU ML NC P

Product

MV = Microvalve

Connection

AU4 = $\varnothing 5/32''$ Push-in fittings

M5 = M5

AL4 = $\varnothing 5/32''$ push-in fittings (side ports)
Double acting

ML5 = Side ports

Size

15 = 0.6 in

Function

2 = 2/2

3 = 3/2

Material

P = Technopolymer

Option

NC = Normally closed

NO = Normally opened

Return

ML = Spring

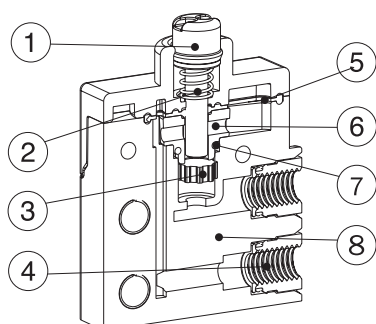
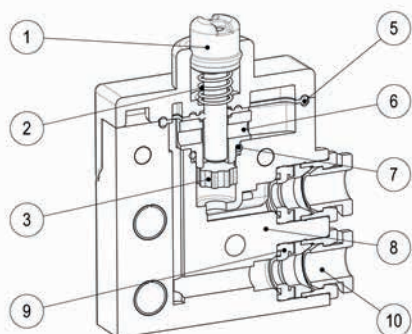
Operation

PU = Pushrod

PP = through-wall pushrod

RL = Roller lever

RU = Unidirectional roller lever



USED MATERIALS

1. **Pushrod** - POM
2. **Pushrod Spring** - Stainless-
3. **Gasket** - NBR
4. **Insert** - Brass
5. **Gasket** - NBR
6. **Nozzle** - POM
7. **O-Ring** - NBR
8. **Body** - POM
9. **Seal** - NBR
10. **Spintore CAS** - POM

LINE 100 $\varnothing 5/32''$ | MECHANICAL VALVES

ROLLER LEVER MICROVALVES

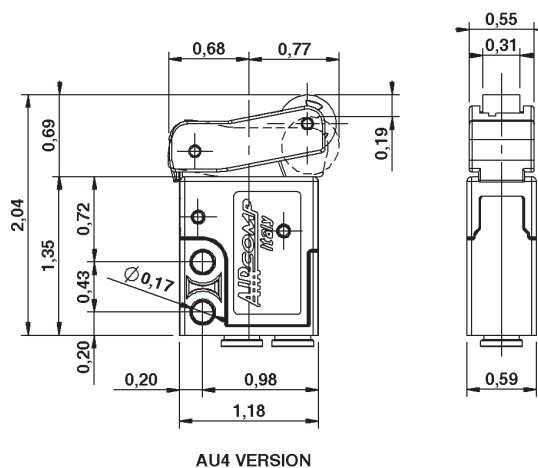
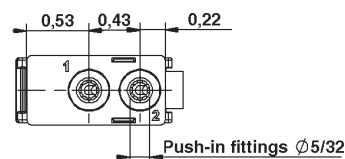


	CODE	REFERENCES
	1000492002	MV AU4 15 2 RL ML NC P
	1000493003	MV AU4 15 3 RL ML NC P
	1000493004	MV AU4 15 3 RL ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.35 lbf

Weight 0.06 lb



ROLLER LEVER MICROVALVES WITH SIDE PORTS

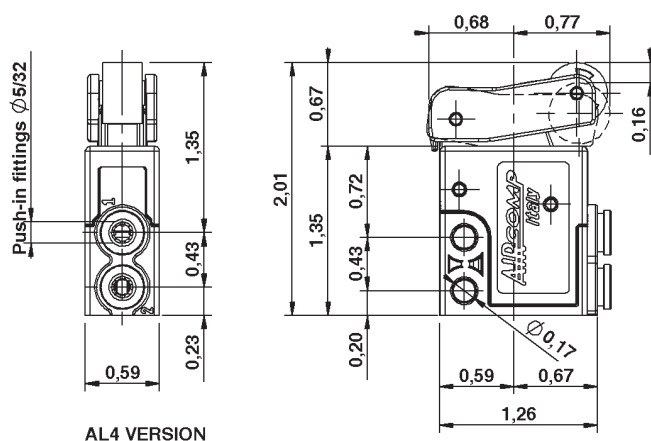


	CODE	REFERENCES
	1000492102	MV AL4 15 2 RL ML NC P
	1000493103	MV AL4 15 3 RL ML NC P
	1000493104	MV AL4 15 3 RL ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.35 lbf

Weight 0.06 lb



LINE 100 $\varnothing 5/32''$ | MECHANICAL VALVES

UNIDIRECTIONAL ROLLER LEVER MICROVALVES

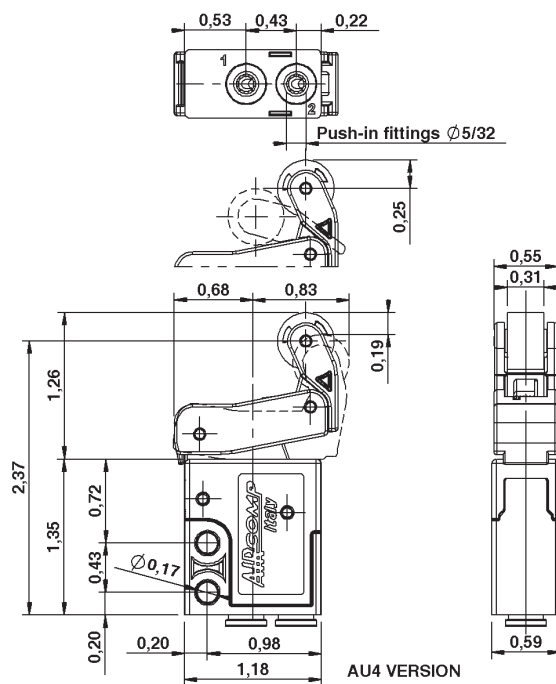


	CODE	REFERENCES
	1000492003	MV AU4 15 2 RU ML NC P
	1000493005	MV AU4 15 3 RU ML NC P
	1000493006	MV AU4 15 3 RU ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.35 lbf

Weight 0.07 lb



UNIDIRECTIONAL ROLLER LEVER MICROVALVES WITH SIDE PORTS

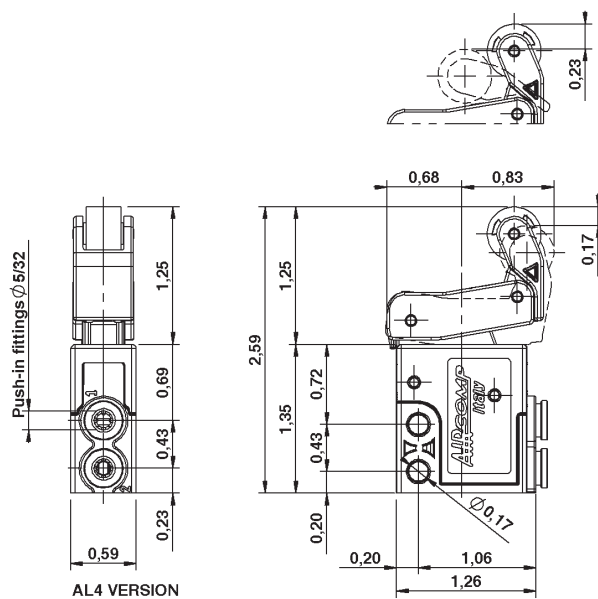


	CODE	REFERENCES
	1000492103	MV AL4 15 2 RU ML NC P
	1000493105	MV AL4 15 3 RU ML NC P
	1000493106	MV AL4 15 3 RU ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.35 lbf

Weight 0.07 lb



LINE 100 $\phi 5/32''$ | MECHANICAL VALVES

THROUGH-WALL PUSHROD MICROVALVES

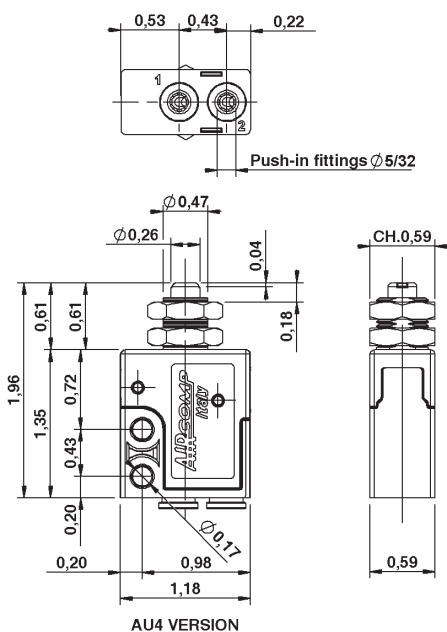


	CODE	REFERENCES
	1000492004	MV AU4 15 2 PP ML NC P
	1000493007	MV AU4 15 3 PP ML NC P
	1000493008	MV AU4 15 3 PP ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.8 lbf

Weight 0.07 lb



THROUGH-WALL PUSHROD MICROVALVES WITH SIDE PORTS

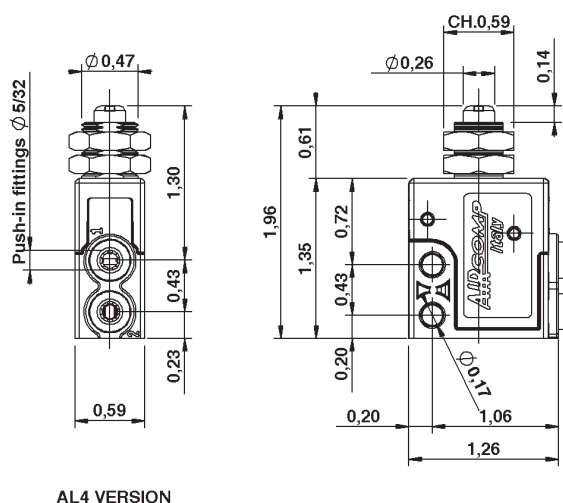


	CODE	REFERENCES
	1000492104	MV AL4 15 2 PP ML NC P
	1000493107	MV AL4 15 3 PP ML NC P
	1000493108	MV AL4 15 3 PP ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.8 lbf

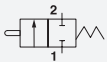
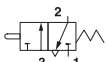
Weight 0.07 lb



LINE 100 $\phi 5/32''$ | MECHANICAL VALVES

PUSHROD MICROVALVES

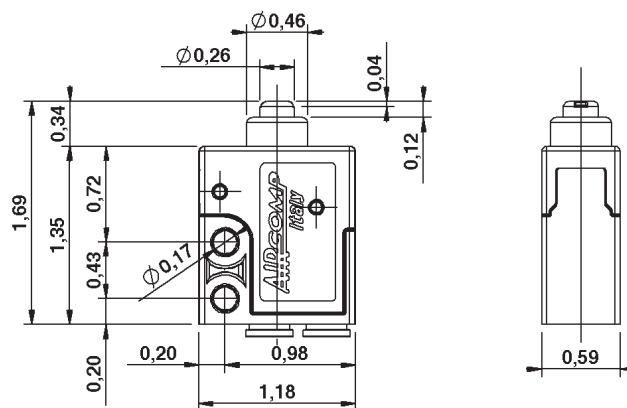
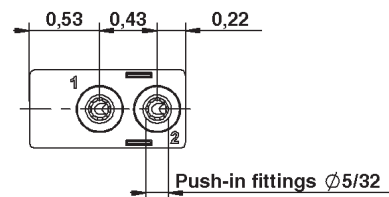


	CODE	REFERENCES
	1000492001	MV AU4 15 2 PU ML NC P
	1000493001	MV AU4 15 3 PU ML NC P
	1000493002	MV AU4 15 3 PU ML NO P

TECHNICAL DATA

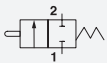
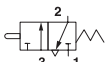
Thrust force (at 87 PSIG) 1.8 lbf

Weight 0.06 lb



PUSHROD MICROVALVES WITH SIDE PORTS

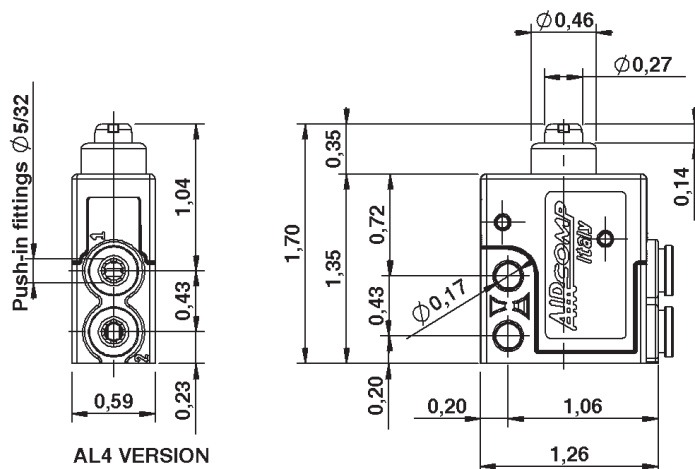


	CODE	REFERENCES
	1000492101	MV AL4 15 2 PU ML NC P
	1000493101	MV AL4 15 3 PU ML NC P
	1000493102	MV AL4 15 3 PU ML NO P

TECHNICAL DATA

Thrust force (at 87 PSIG) 1.8 lbf

Weight 0.06 lb



LINE 121 ME 1/8" NPT | MECHANICAL VALVES

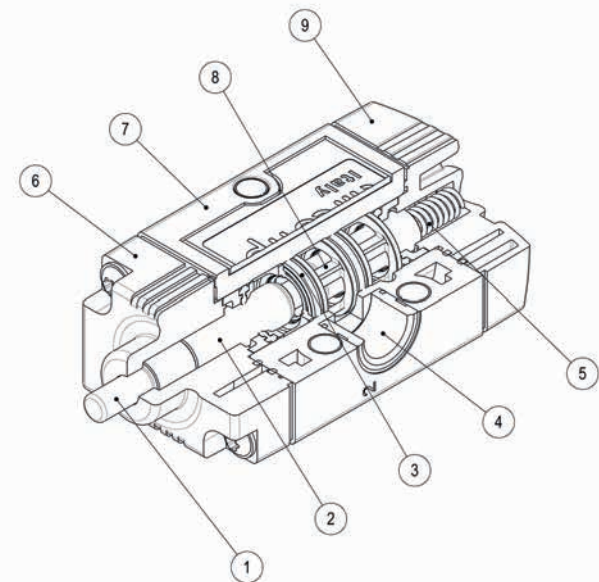


GENERAL FEATURES

Construction	spool valve
Body size	0.86 in
Body material	technopolymer
Single use	YES
Manifold use	NO
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	1/8" NPT
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 23.6 SCFM, 5/3= 19.4 SCFM, 3/2= 24.3 SCFM



GUIDE TO REFERENCES

ME	1/8"	22	3	PU	ML	NC	P
Product	ME = Mechanical valves						Material P = Technopolymer
Connection	1/8" = 1/8" NPT						Option NC = Normally closed NO = Normally opened CC = Closed centres CA = Opened centres CA = Pressure centre OO = 5/2
Size	22 = 0.86 in						
Function	3 = 3/2 5 = 5/2 6 = 5/3						Return ML = Spring BS = Bistable ST = Stable on 3 position RC = Return to centre MP = Pneumatic spring
							Operation PU = Pushrod PP = through-wall pushrod RL = Roller lever RU = Unidirectional roller lever PS = Sensible pushrod PO = Sensible through-wall pushrod RS = Sensible roller lever RO = Sensible unidirectional roller lever AN = Whisker RLC = Roller lever whit ball bearing RUC = Unidirectional roller lever whit ball bearing

USED MATERIALS

1. **Pushrod** - Steel
2. **Spool** - Nickel Plated Aluminium
3. **Seals** - NBR
4. **Insert** - Brass
5. **Spring** - Stainless steel
6. **Operator body** - POM
7. **Body valve** - POM
8. **Spacers** - Brass
9. **Base command** - PA+FV

LINE 121 ME 1/8" NPT | MECHANICAL VALVES

3/2 PUSHROD VALVES



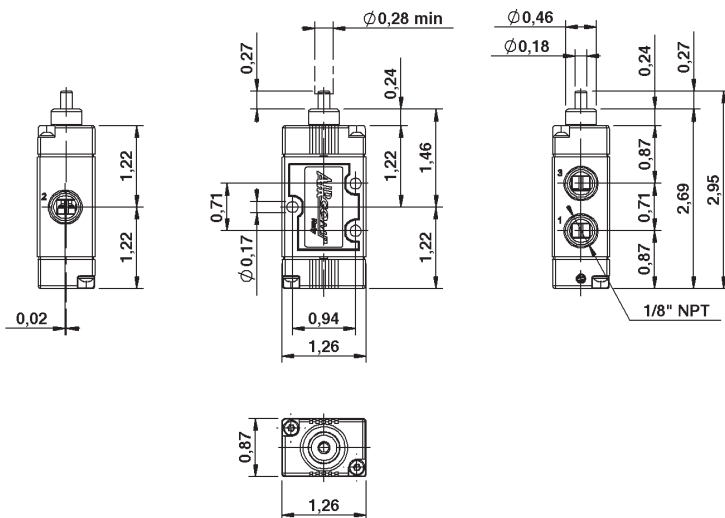
	CODE	REFERENCES
	1212423001	ME 1/8" 22 3 PU ML NC P
	1212423002	ME 1/8" 22 3 PU ML NO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 8.5 lbf

Weight 0.14 lb



5/2 PUSHROD VALVES



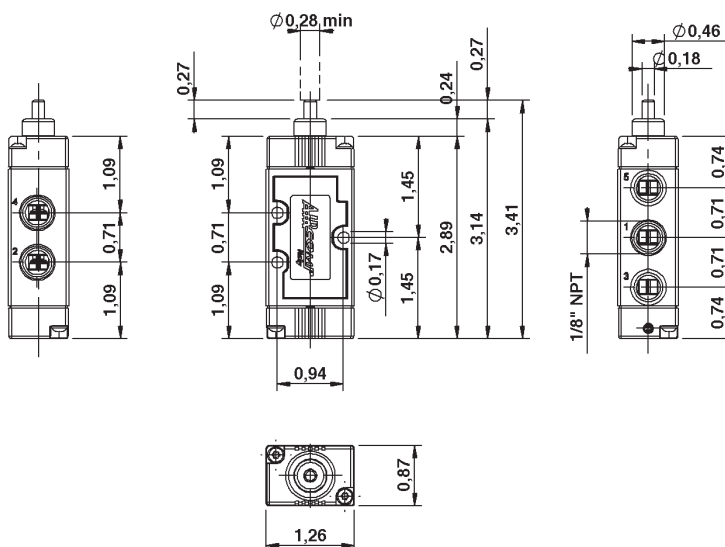
	CODE	REFERENCES
	1212425001	ME 1/8" 22 5 PU ML OO P

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 8.5 lbf

Weight 0.15 lb



LINE 121 ME 1/8" NPT | MECHANICAL VALVES

3/2 ROLLER LEVER VALVES



VERSION WITH TECHNOPOLYMER ROLLER

	CODE	REFERENCES
	1212423003	ME 1/8" 22 3 RL ML NC P


1212423004
ME 1/8" 22 3 RL ML NO P

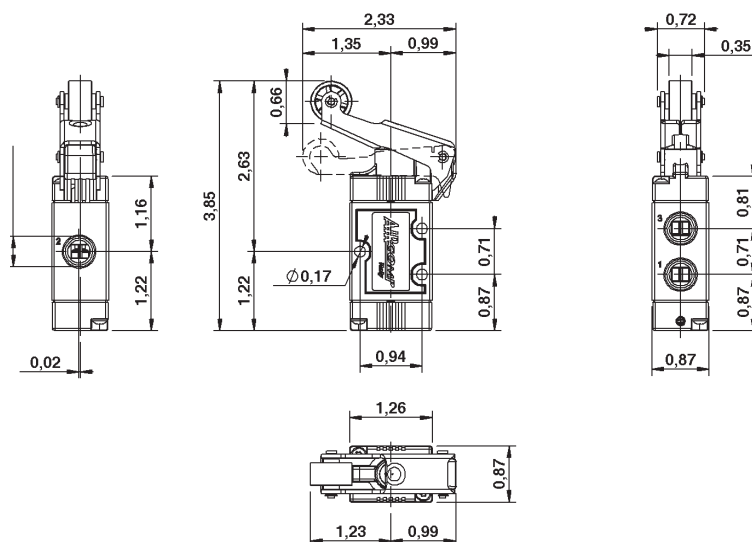
VERSION WITH BALL BEARING

	CODE	REFERENCES
	1212423007	ME 1/8" 22 3 RLC ML NC P

 **1212423008** **ME 1/8" 22 3 RLC ML NO P**

TECHNICAL DATA

Working pressure	0-145 PSIG
Thrust force (at 87 PSIG)	3.5 lbf
Weight	0.19 lb



5/2 ROLLER LEVER VALVES



VERSION WITH TECHNOPOLYMER ROLLER

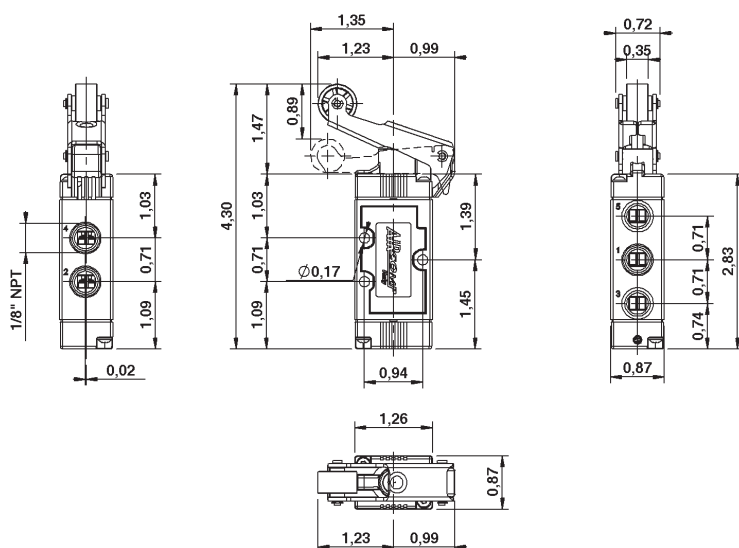
	CODE	REFERENCES
	1212425002	ME 1/8" 22 5 RL ML OO P

VERSION WITH BALL BEARING

	CODE	REFERENCES
	1212425006	ME 1/8" 22 5 RLC ML OO P

TECHNICAL DATA

Working pressure	0-145 PSIG
Thrust force (at 87 PSIG)	3.5 lbf
Weight	0.21 lb

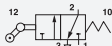


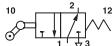
LINE 121 ME 1/8" NPT | MECHANICAL VALVES

3/2 UNIDIRECTIONAL ROLLER LEVER VALVES

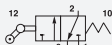


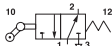
VERSION WITH TECHNOPOLYMER ROLLER

CODE	REFERENCES
 1212423005	ME 1/8" 22 3 RU ML NC P

 1212423006	ME 1/8" 22 3 RU ML NO P
---	--------------------------------

VERSION WITH BALL BEARING.

 1212423009	ME 1/8" 22 3 RUC ML NC P
---	---------------------------------

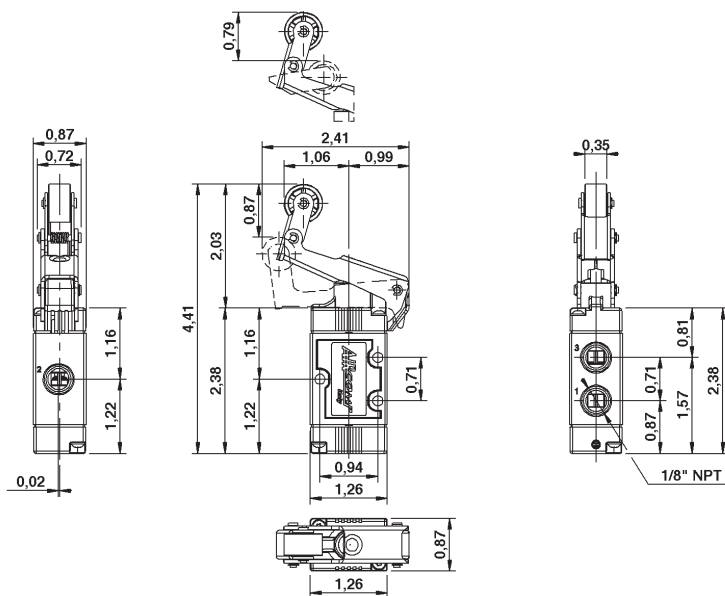
 1212423010	ME 1/8" 22 3 RUC ML NO P
---	---------------------------------

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 4 lbf

Weight 0,21 lb



5/2 UNIDIRECTIONAL ROLLER LEVER VALVES



VERSION WITH TECHNOPOLYMER ROLLER

 1212425003	ME 1/8" 22 5 RU ML OO P
---	--------------------------------

VERSION WITH BALL BEARING

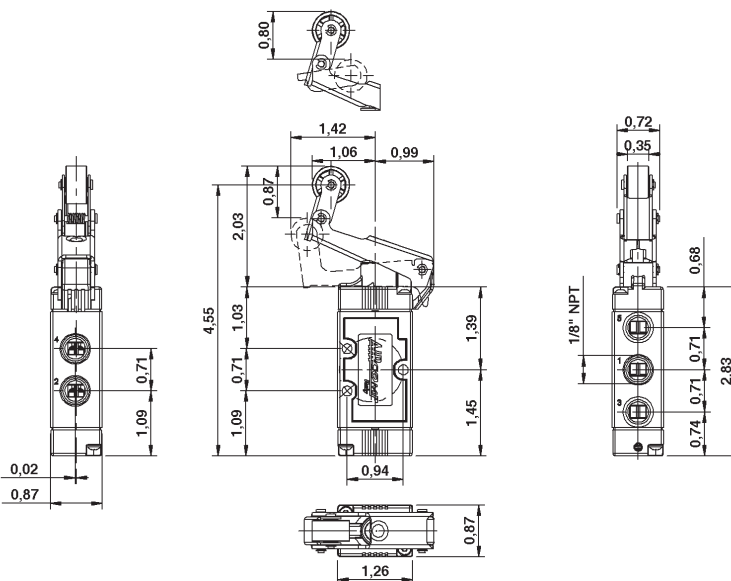
 1212425007	ME 1/8" 22 5 RUC ML OO P
---	---------------------------------

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 3.52 lbf

Weight 0.22 lb



LINE 121 ME 1/8" NPT | MECHANICAL VALVES

3/2 SENSIBLE PUSHROD VALVES



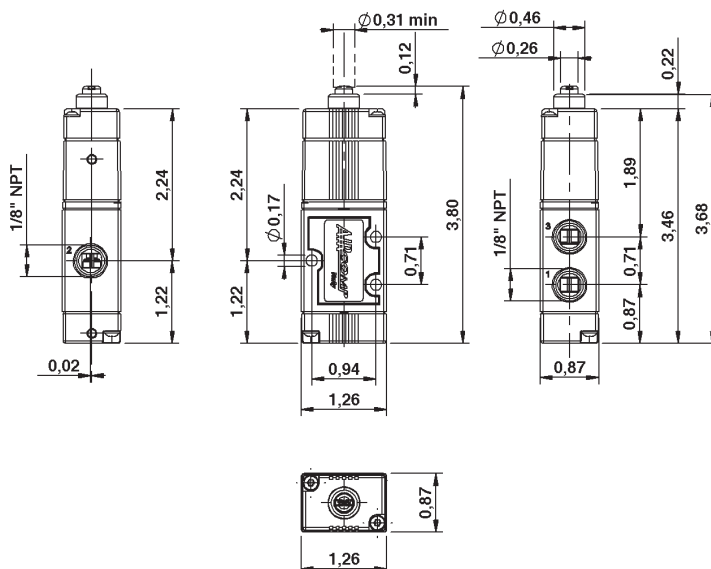
	CODE	REFERENCES
	1212523001	ME 1/8" 22 3 PS PM NC P
	1212523002	ME 1/8" 22 3 PS PM NO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Thrust force (at 87 PSIG) 2.0 lbf

Weight 0.16 lb



5/2 SENSIBLE PUSHROD VALVES



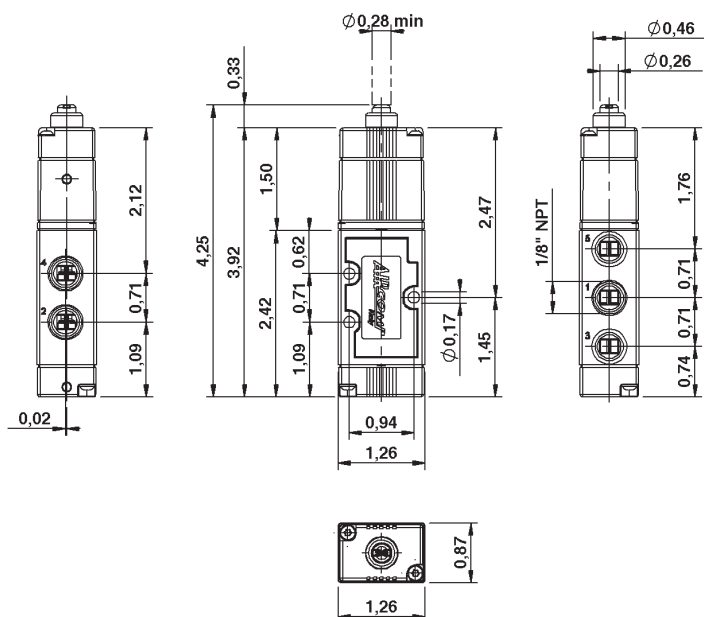
	CODE	REFERENCES
	1212525001	ME 1/8" 22 5 PS PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Thrust force (at 87 PSIG) 2.0 lbf

Weight 0.18 lb



LINE 121 ME 1/8" NPT | MECHANICAL VALVES

3/2 SENSIBLE THROUGH-WALL PUSHROD VALVES



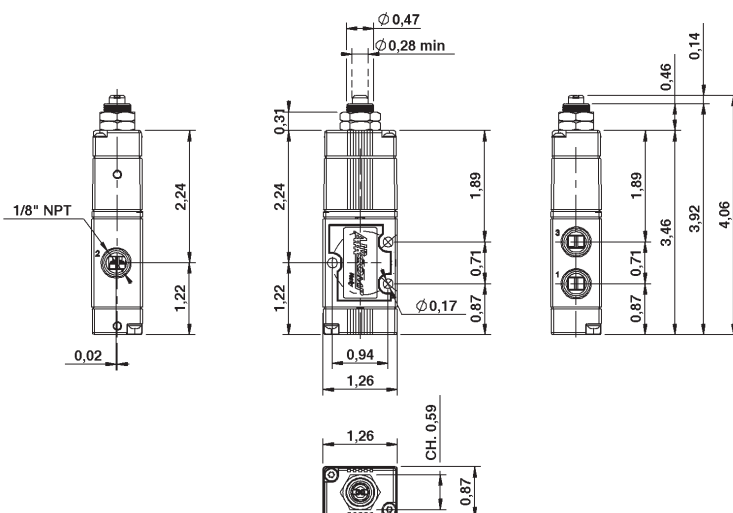
	CODE	REFERENCES
	1212523007	ME 1/8" 22 3 PO PM NC P
	1212523008	ME 1/8" 22 3 PO PM NO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Thrust force (at 87 PSIG) 2.0 lbf

Weight 0.17 lb



5/2 SENSIBLE THROUGH-WALL PUSHROD VALVES



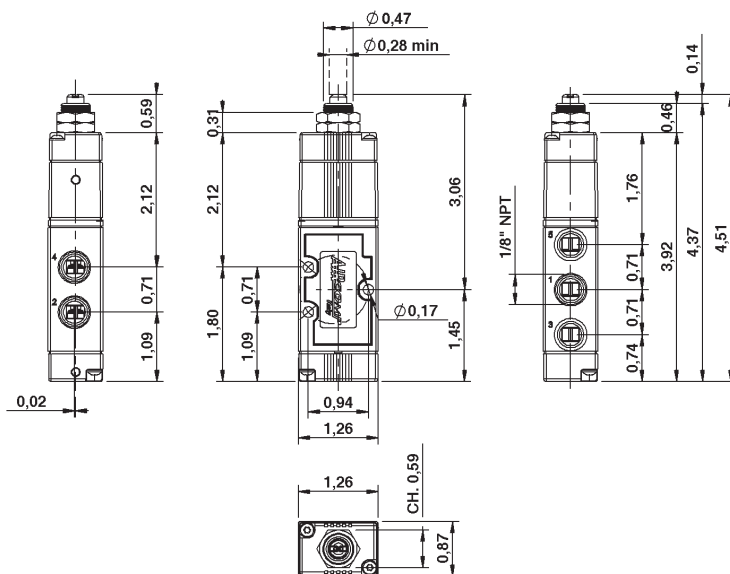
	CODE	REFERENCES
	1212525004	ME 1/8" 22 5 PO PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Thrust force (at 87 PSIG) 2.0 lbf

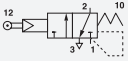
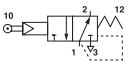
Weight 0.18 lb



LINE 121 ME 1/8" NPT | MECHANICAL VALVES

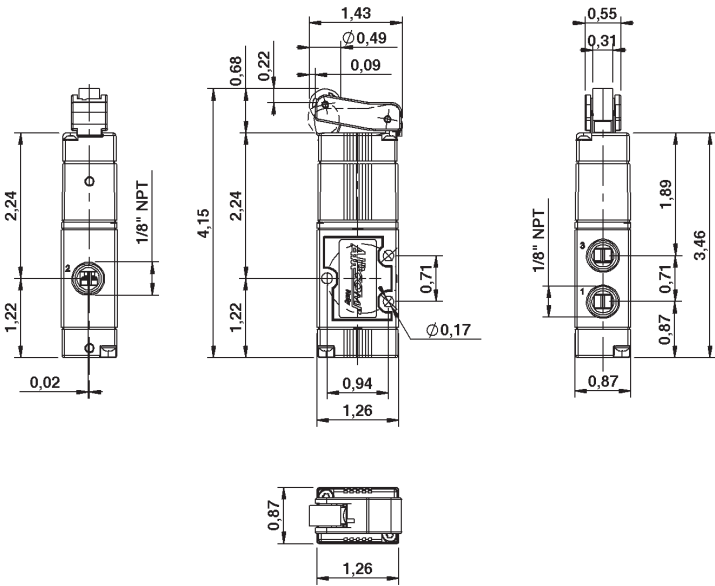
3/2 SENSIBLE ROLLER LEVER VALVES



CODE	REFERENCES
 1212523003	ME 1/8" 22 3 RS PM NC P
 1212523004	ME 1/8" 22 3 RS PM NO P

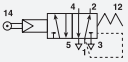
TECHNICAL DATA

Working pressure	14.5-145 PSIG
Thrust force (at 87 PSIG)	1 lbf
Weight	0,18 lb



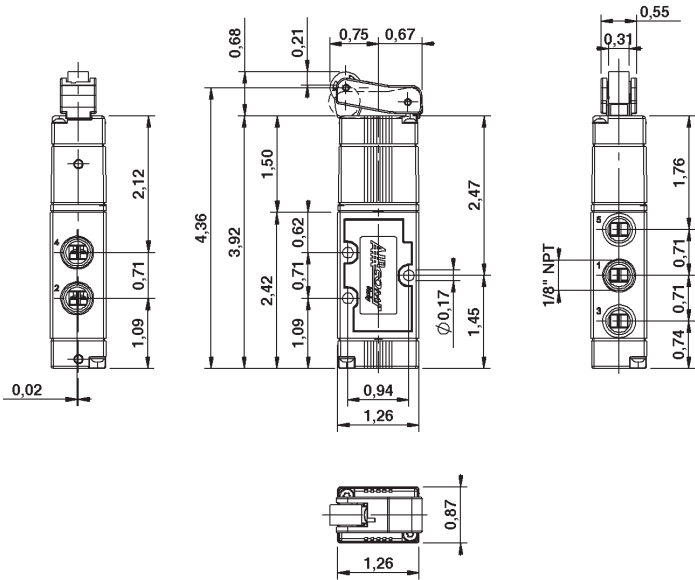
5/2 SENSIBLE ROLLER LEVER VALVES



CODE	REFERENCES
 1212525002	ME 1/8" 22 5 RS PM OO P

TECHNICAL DATA

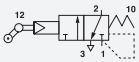
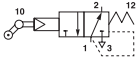
Working pressure	14.5-145 PSIG
Thrust force (at 87 PSIG)	1 lbf
Weight	0.19 lb



LINE 121 ME 1/8" NPT | MECHANICAL VALVES

3/2 SENSIBLE UNIDIRECTIONAL ROLLER LEVER VALVES



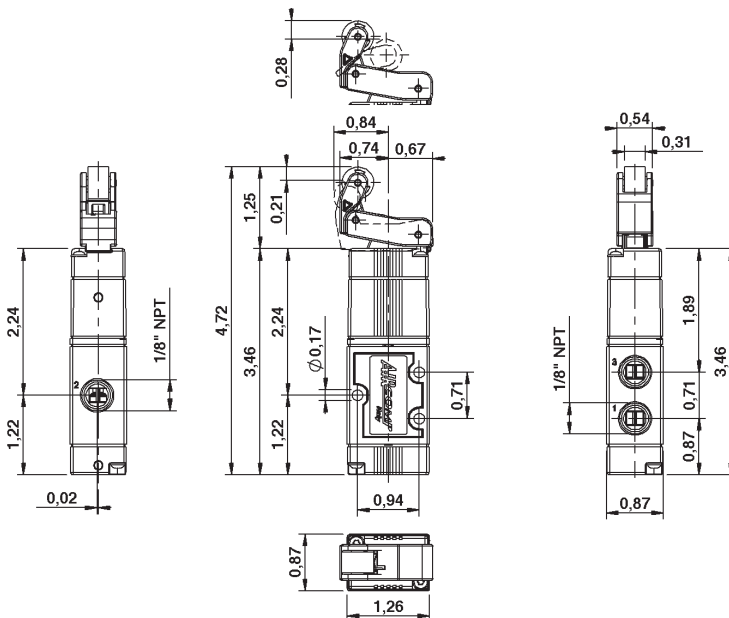
CODE	REFERENCES
 1212523005	ME 1/8" 22 3 RO PM NC P
 1212523006	ME 1/8" 22 3 RO PM NO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

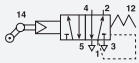
Thrust force (87 PSIG) 1 lbf

Weight 0,18 lb



5/2 SENSIBLE UNIDIRECTIONAL ROLLER LEVER VALVES



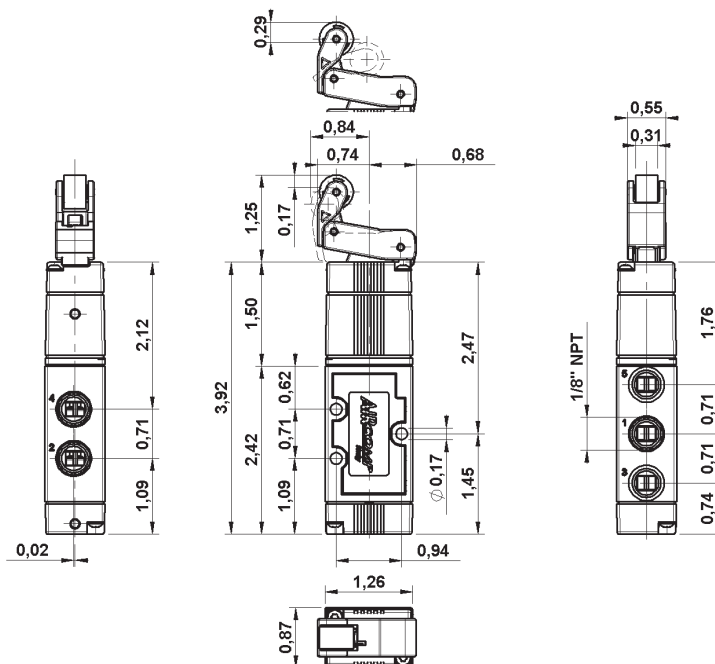
CODE	REFERENCES
 1212525003	ME 1/8" 22 5 RO PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Thrust force (87 PSIG) 1 lbf

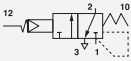
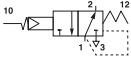
Weight 0,20 lb



LINE 121 ME 1/8" NPT | MECHANICAL VALVES

3/2 WHISKER VALVES

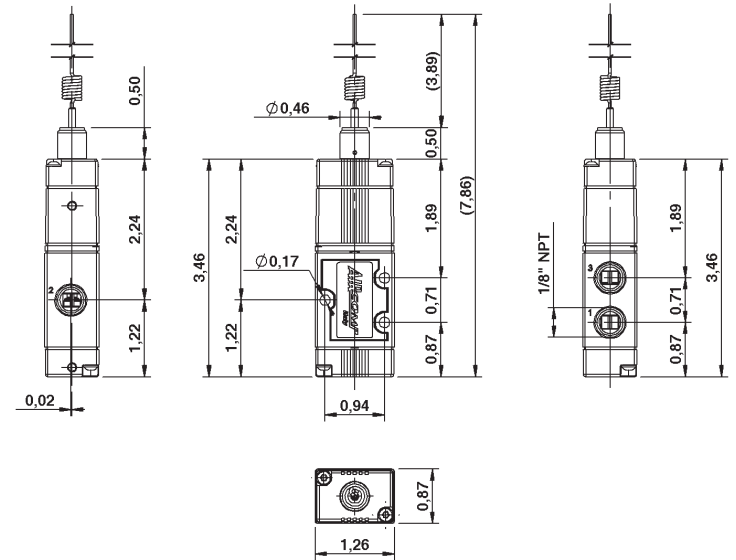


CODE	REFERENCES
 1212523013	ME 1/8" 22 3 AN PM NC P
 1212523014	ME 1/8" 22 3 AN PM NO P

TECHNICAL DATA

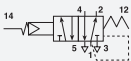
Working pressure 14.5-145 PSIG

Weight 0,18 lb



5/2 WHISKER VALVES

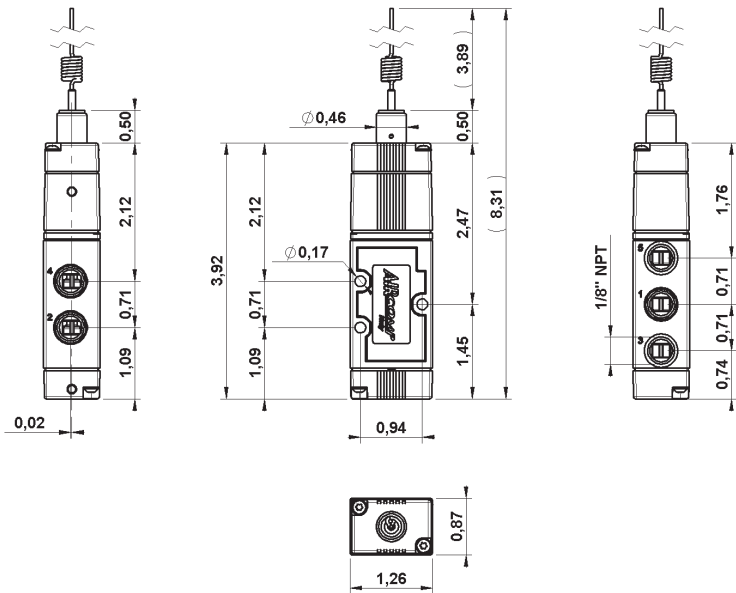


CODE	REFERENCES
 1212525007	ME 1/8" 22 5 AN PM OO P

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0,19 lb



LINE 127 MER 1/4" NPT | MECHANICAL VALVES

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Construction	spool valve
Body size	0.86 in
Body material	aluminium
Single use	YES
Manifold use	NO
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	1/4" NPT
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 37°F the air of the circuit must be free from humidity
Reference Flow Rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 5/2= 28 SCFM 5/3= 26.5 SCFM 3/2= 28 SCFM

GUIDE TO REFERENCES

MER 1/4" 22 3 PU ML NC M

Product

MER = Valvole meccaniche

Connection

1/4" = 1/4" NPT

Size

22 = 0,86 in

Function

3 = 3/2

5 = 5/2

6 = 5/3

Material

M = Metal

Option

NC = Normally closed

NO = Normally opened

CC = Closed centres

CA = Opened centres

CP = Pressure centre

00 = 5/2

Return

ML = Spring

BS = Bistable

ST = Stable on 3 position

RC = Return to centre

MP = Pneumatic spring

Operation

PU = Pushrod

PP = Through-wall pushrod

RL = Roller lever

RU = Unidirectional roller lever

PS = Sensible pushrod

PO = Sensible through-wall pushrod

RS = Sensible roller lever

RO = Sensible unidirectional roller lever

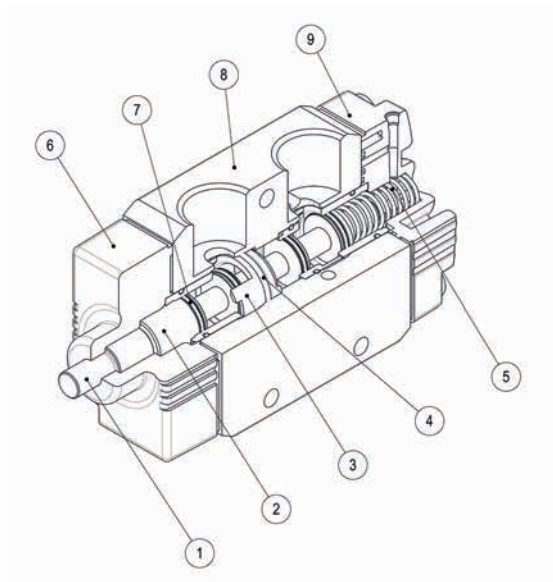
AN = Whisker

RLC = Roller lever whit ball bearing

RLC = Unidirectional roller lever whit ball bearing

USED MATERIALS

1. **Pushrod** - Steel
2. **Spool** - Nickel Plated Aluminium
3. **Spacers** - POM
4. **Or distanziali** - NBR
5. **Spring** - Stainless steel
6. **Operator body** - POM
7. **Seals** - NBR
8. **Body valve** - Aluminium
9. **Base command** - PA+FV



LINE 127 MER 1/4" NPT | MECHANICAL VALVES

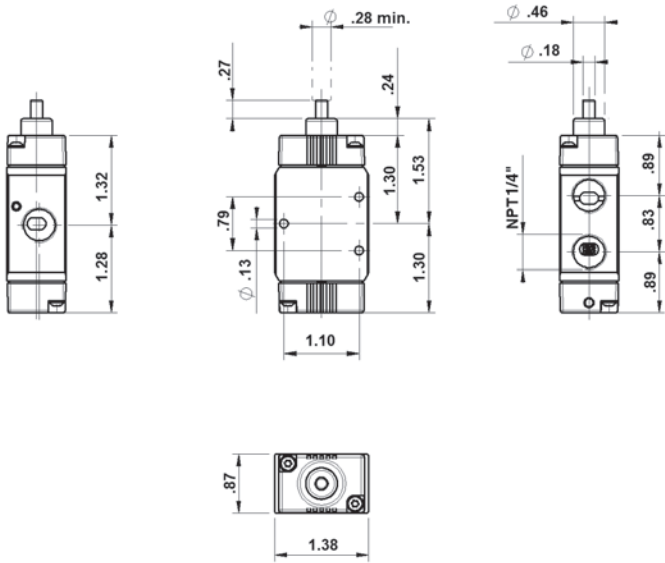
3/2 PUSHROD VALVES



CODE	REFERENCES
 1272453001	MER 1/4" 22 3 PU ML NC M
 1272453002	MER 1/4" 22 3 PU ML NO M

TECHNICAL DATA

Working pressure	0-145 PSIG
Thrust force (at 87 PSIG)	8.7 lbf
Weight	0,26 lb



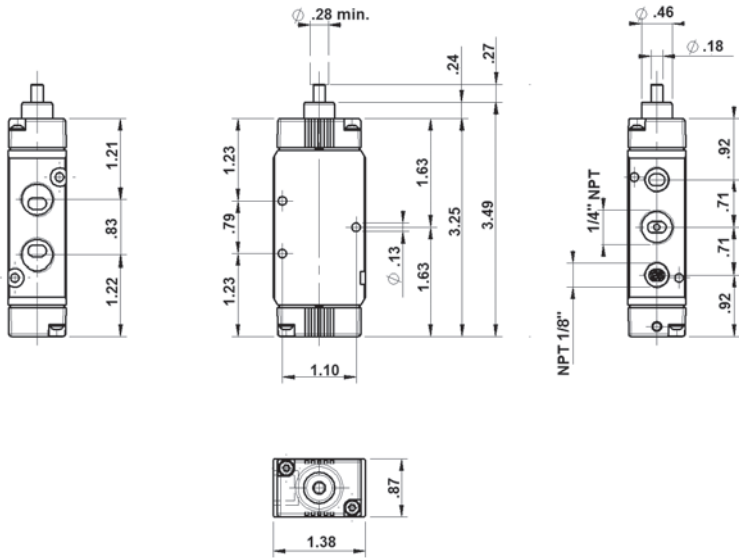
5/2 PUSHROD VALVES



CODE	REFERENCES
 1272455001	MER 1/4" 22 5 PU ML OO M

TECHNICAL DATA

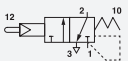
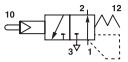
Working pressure	0-145 PSIG
Thrust force (at 87 PSIG)	8.7 lbf
Weight	0,28 lb



LINE 127 MER 1/4" NPT | MECHANICAL VALVES

3/2 SENSIBLE PUSHROD VALVES



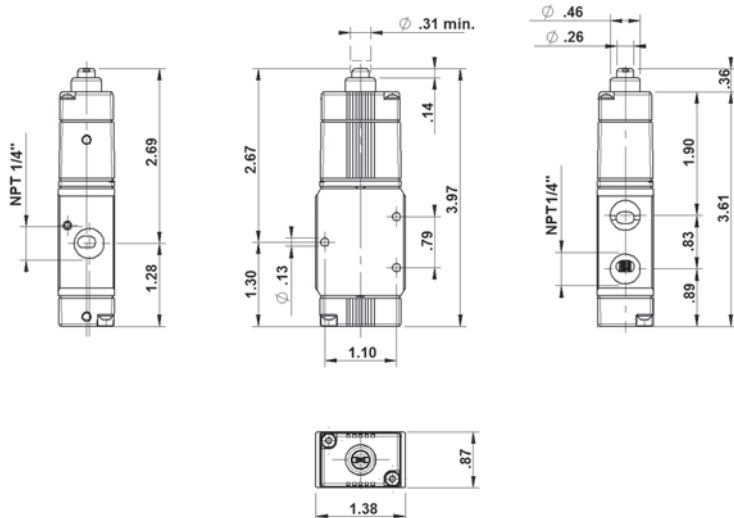
CODE	REFERENCES
 1272553001	MER 1/4" 22 3 PS PM NC M
 1272553002	MER 1/4" 22 3 PS PM NO M

TECHNICAL DATA

Working pressure 0-145 PSIG

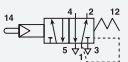
Thrust force (at 87 PSIG) 2.0 lbf

Weight 0,30 lb



5/2 SENSIBLE PUSHROD VALVES



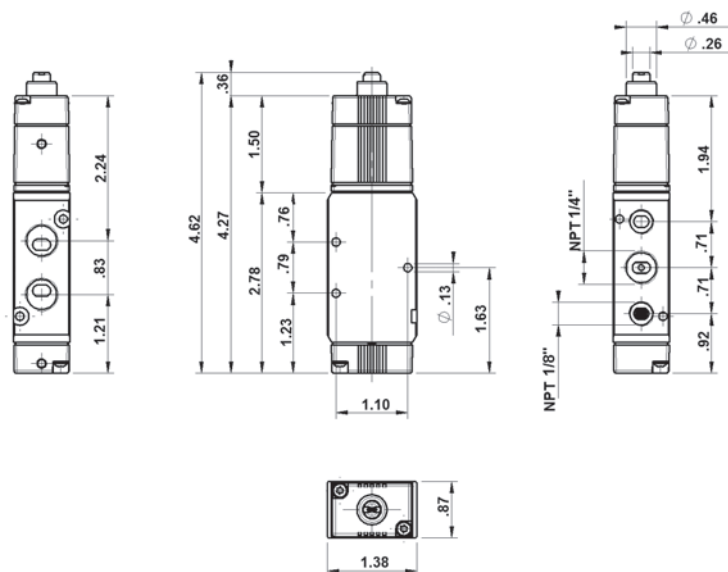
CODE	REFERENCES
 1272555001	MER 1/4" 22 5 PS PM OO M

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 2.0 lbf

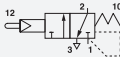
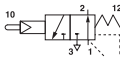
Weight 0,31 lb



LINE 127 MER 1/4" NPT | MECHANICAL VALVES

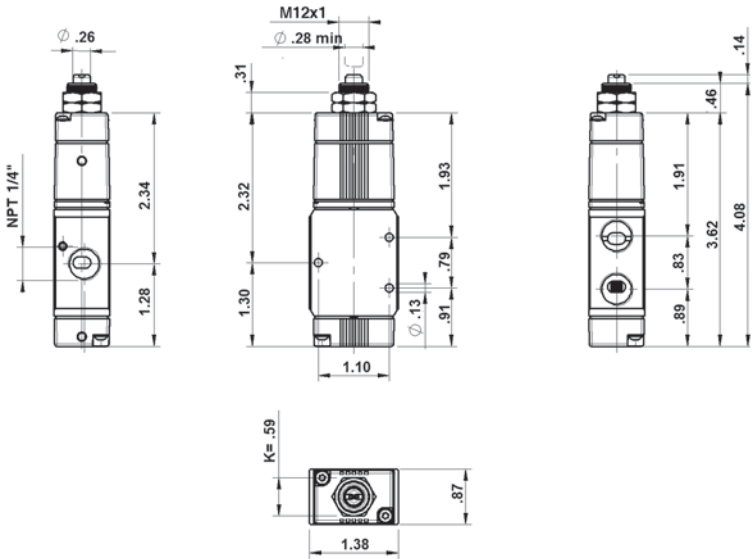
3/2 SENSIBLE THROUGH PUSHROD VALVES



CODE	REFERENCES
 1272553007	MER 1/4" 22 3 PO PM NC M
 1272553008	MER 1/4" 22 3 PO PM NO M

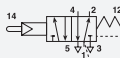
TECHNICAL DATA

Working pressure	14.5-145 PSIG
Thrust force (at 87 PSIG)	2.0 lbf
Weight	0.30 lb



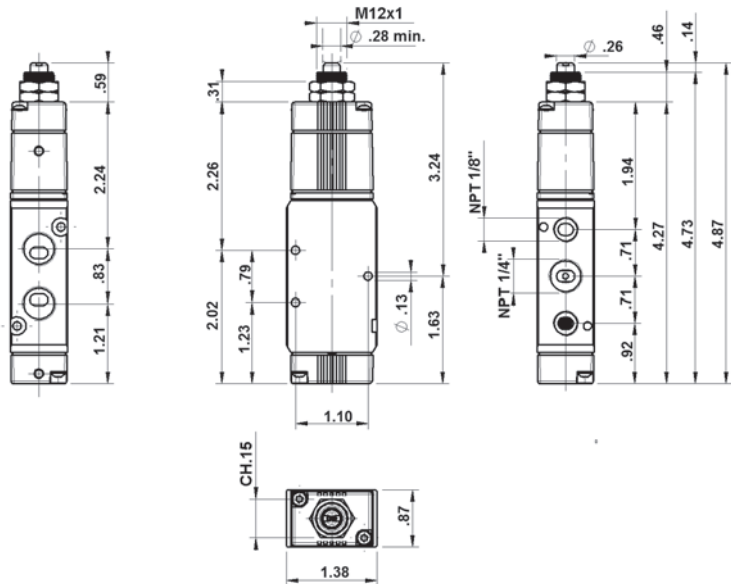
5/2 SENSIBLE THROUGH PUSHROD VALVES



CODE	REFERENCES
 1272555004	MER 1/4" 22 5 PO PM OO M

TECHNICAL DATA

Working pressure	14.5-145 PSIG
Thrust force (at 87 PSIG)	2.0 lbf
Weight	0.32 lb



LINE 127 MER 1/4" NPT | MECHANICAL VALVES

3/2 ROLLER LEVER VALVES



VERSION WITH TECHNOPOLYMER ROLLER

CODE	REFERENCES
 1272453003	MER 1/4" 22 3 RL ML NC M

 1272453004	MER 1/4" 22 3 RL ML NO M
---	---------------------------------

VERSION WITH BALL BEARING

CODE	REFERENCES
 1272453007	MER 1/4" 22 3 RLC ML NC M

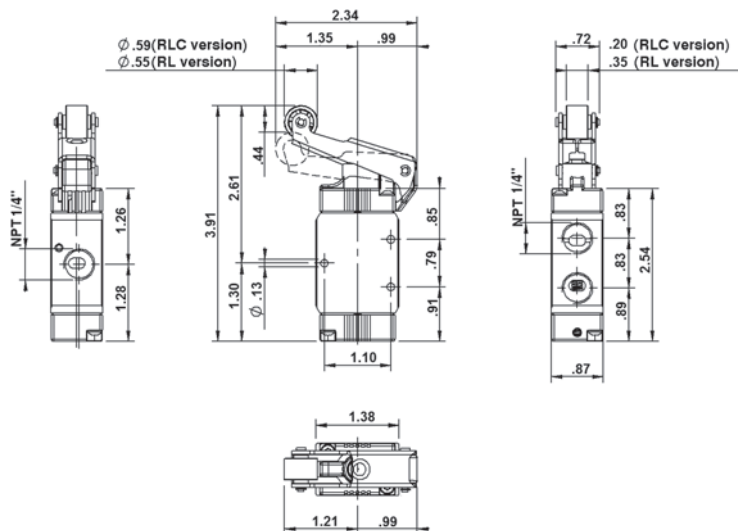
 1272453008	MER 1/4" 22 3 RLC ML NO M
---	----------------------------------

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 3.6 lbf

Weight 0.32 lb



5/2 ROLLER LEVER VALVE



VERSION WITH TECHNOPOLYMER ROLLER

CODE	REFERENCES
 1272455002	MER 1/4" 22 5 RL ML NO M

VERSION WITH BALL BEARING

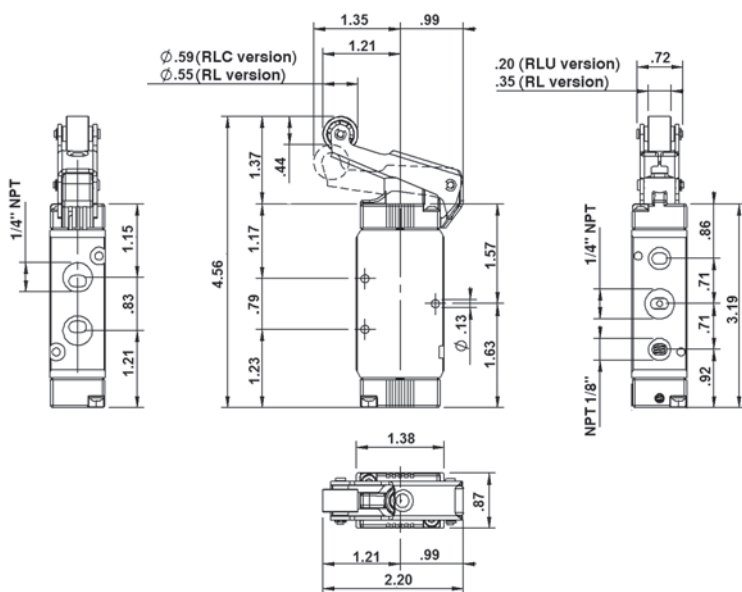
CODE	REFERENCES
 1272455006	MER 1/4" 22 5 RLC ML OO M

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 3.6 lbf

Weight 0.34 lb

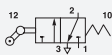


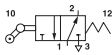
LINE 127 MER 1/4" NPT | MECHANICAL VALVES

3/2 UNIDIRECTIONAL ROLLER LEVER VALVES

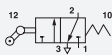


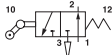
VERSION WITH TECHNOPOLYMER ROLLER

CODE	REFERENCES
 1272453005	MER 1/4" 22 3 RU ML NC M

 1272453006	MER 1/4" 22 3 RU ML NO M
---	---------------------------------

VERSION WITH BALL BEARING

CODE	REFERENCES
 1272453009	MER 1/4" 22 3 RUC ML NC M

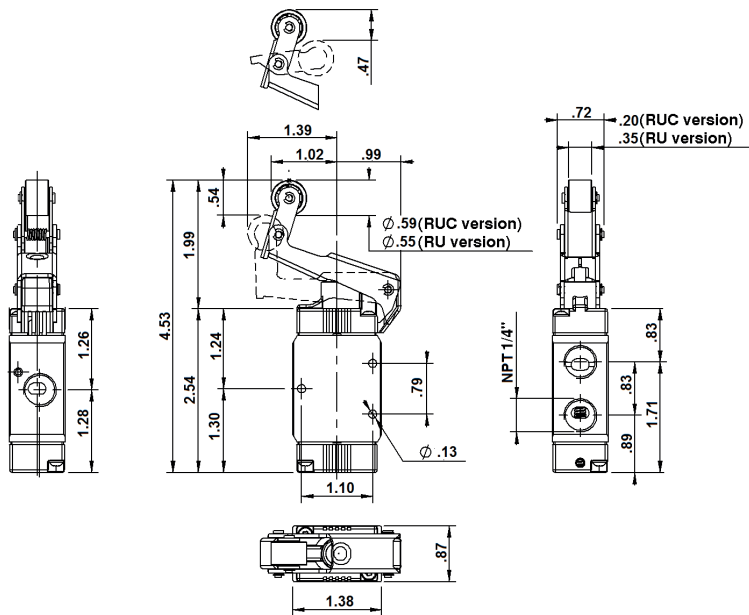
 1272453010	MER 1/4" 22 3 RUC ML NO M
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TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 3.6 lbf

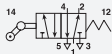
Weight 0.34 lb



5/2 UNIDIRECTIONAL ROLLER LEVER VALVE



VERSION WITH TECHNOPOLYMER ROLLER

CODE	REFERENCES
 1272455003	MER 1/4" 22 5 RU ML OO M

VERSION WITH BALL BEARING

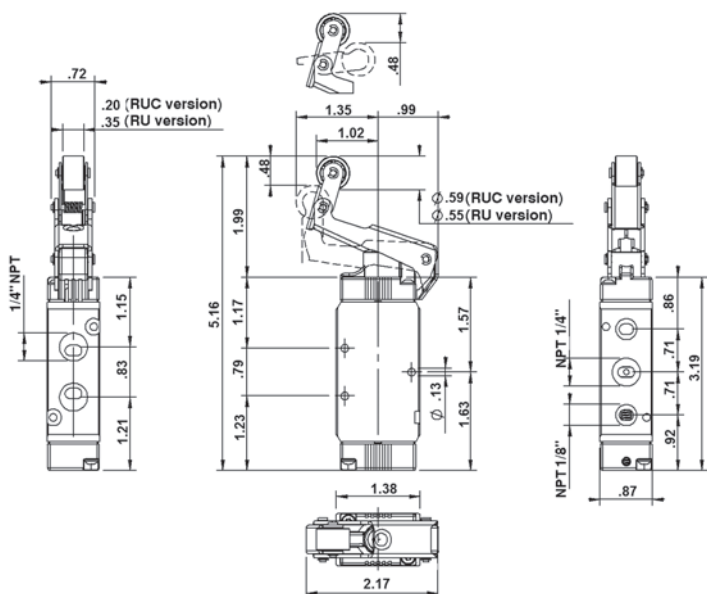
CODE	REFERENCES
 1272455007	MER 1/4" 22 5 RUC ML OO M

TECHNICAL DATA

Working pressure 0-145 PSIG

Thrust force (at 87 PSIG) 3.6 lbf

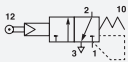
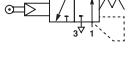
Weight 0.35 lb



LINE 127 MER 1/4" NPT | MECHANICAL VALVES

3/2 ROLLER LEVER VALVE



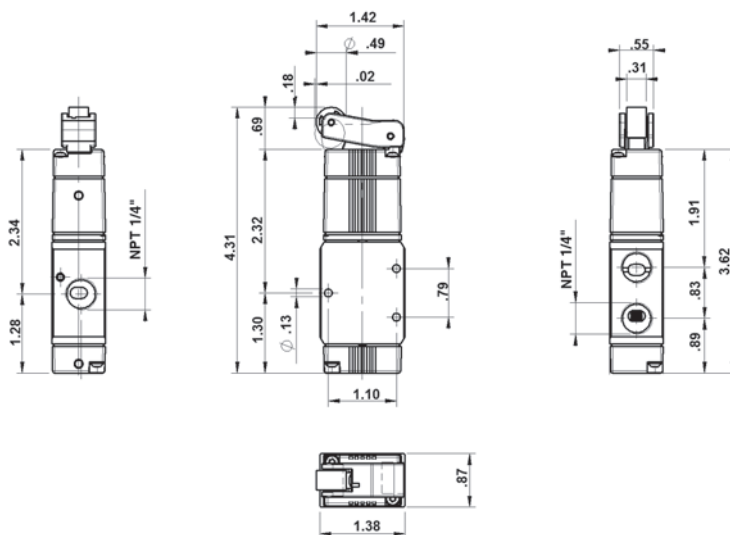
	CODE	REFERENCES
	1272553003	MER 1/4" 22 3 RS PM NC M
	1272553004	MER 1/4" 22 3 RS PM NO M

TECHNICAL DATA

Working pressure 14.5-145 PSIG

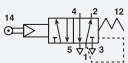
Thrust force (at 87 PSIG) 1.0 lbf

Weight 0.33 lb



5/2 SENSIBLE ROLLER LEVER VALVES



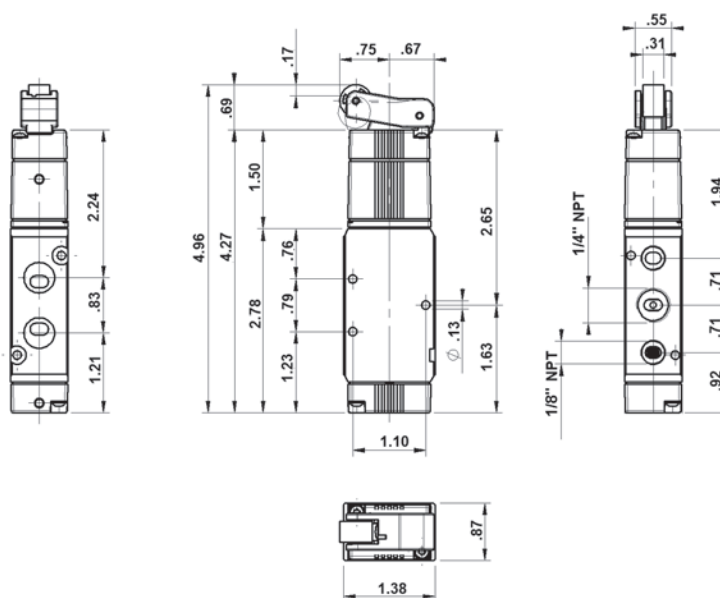
	CODE	REFERENCES
	1272555002	MER 1/4" 22 5 RS PM OO M

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Thrust force (at 87 PSIG) 1.0 lbf

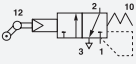
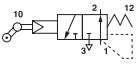
Weight 0.33 lb



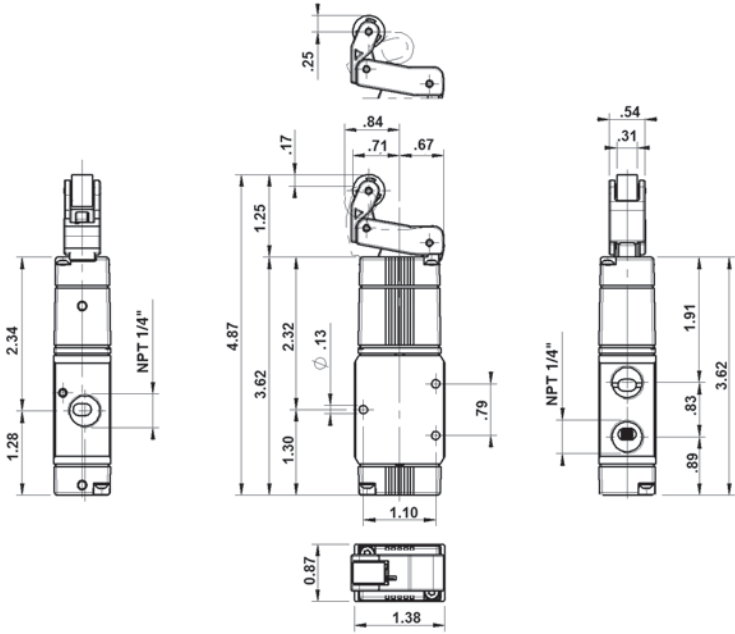
LINE 127 MER 1/4" NPT | MECHANICAL VALVES

3/2 SENSIBLE UNIDIRECTIONAL ROLLER LEVER VALVES



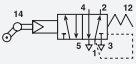
CODE	REFERENCES
 1272553005	MER 1/4" 22 3 RO PM NC M
 1272553006	MER 1/4" 22 3 RO PM NO M

TECHNICAL DATA
Working pressure 14.5-145 PSIG
Thrust force (at 87 PSIG) 1.0 lbf
Weight 0.33 lb

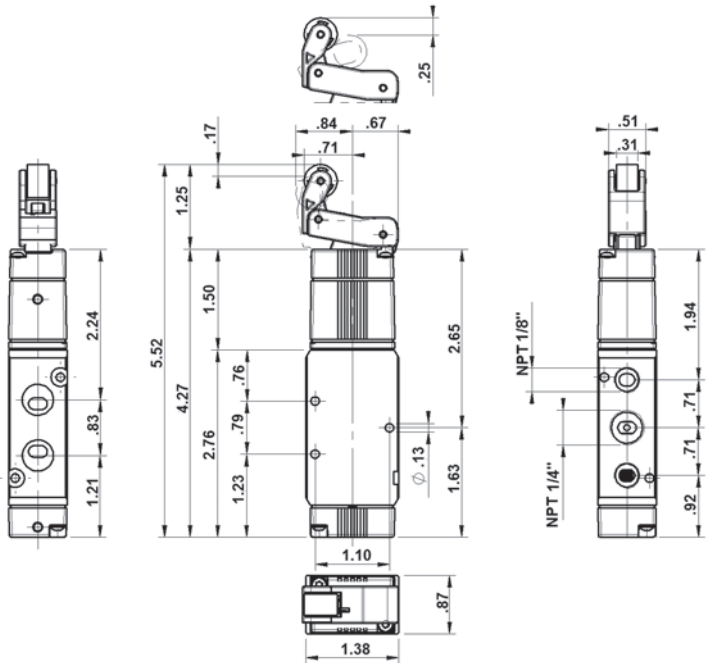


5/2 SENSIBLE UNIDIRECTIONAL ROLLER LEVER VALVE



CODE	REFERENCES
 1272555003	MER 1/4" 22 5 RO PM OO M

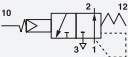
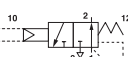
TECHNICAL DATA
Working pressure 14.5-145 PSIG
Thrust force (at 87 PSIG) 1.0 lbf
Weight 0.33 lb



LINE 127 MER 1/4" NPT | MECHANICAL VALVES

3/2 WHISKER VALVES

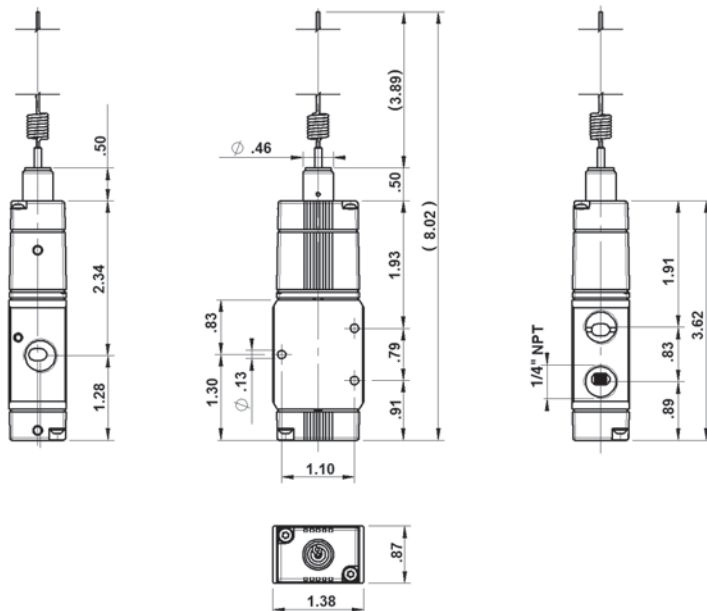


CODE	REFERENCES
 1272553013	MER 1/4" 22 3 AN PM NC M
 1272553014	MER 1/4" 22 3 AN PM NO M

TECHNICAL DATA

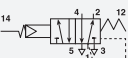
Working pressure 14.5-145 PSIG

Weight 0.31 lb



5/2 WHISKER VALVES

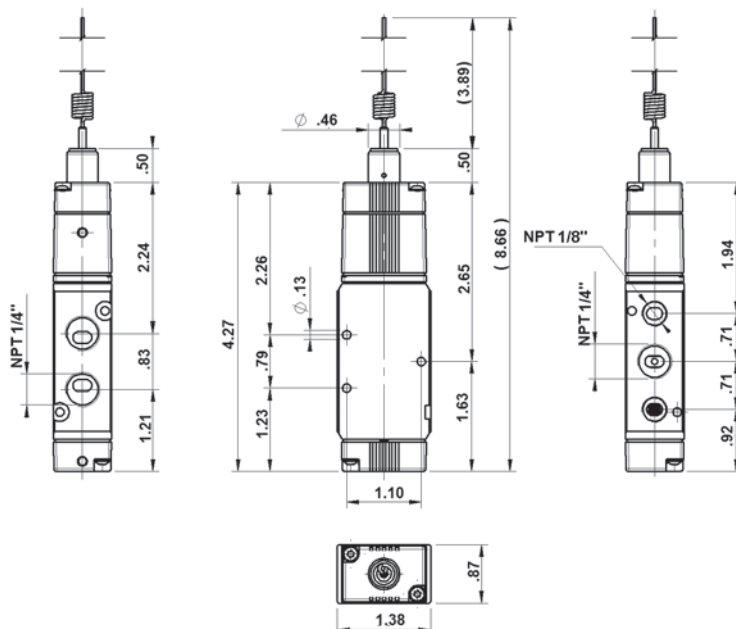


CODE	REFERENCES
 1272555007	MER 1/4" 22 5 AN PM OO M

TECHNICAL DATA

Working pressure 14.5-145 PSIG

Weight 0.32 lb



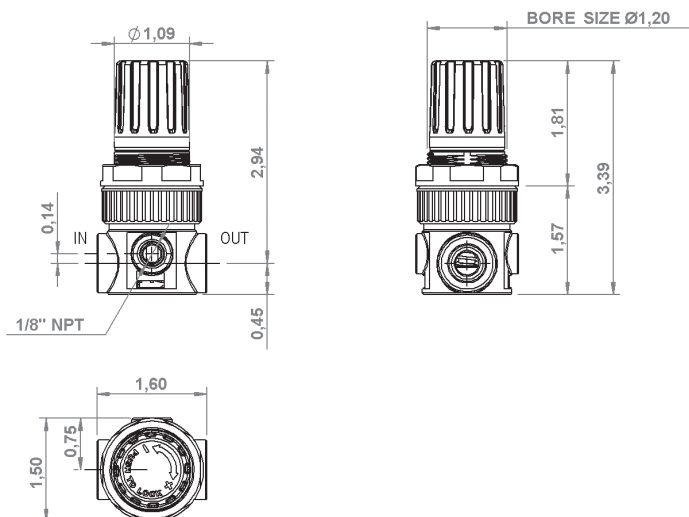
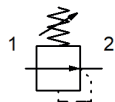


WATER PREPARATION INDEX

LINE 039

PRESSURE REGULATORS 1/8"-1/4" NPT.....3.2

LINE 039 1/8"-1/4" NPT | PRESSURE REGULATORS FOR WATER



GENERAL FEATURES

Microregulator featuring high performance with balanced valve for ensuring great stability even upon variation of the upstream pressure, and low load loss.

Non relieving for water application.

Knob with pressure locking device.

Equipped with nut and nr. 1 plug.

GENERAL TECHNICAL DATA

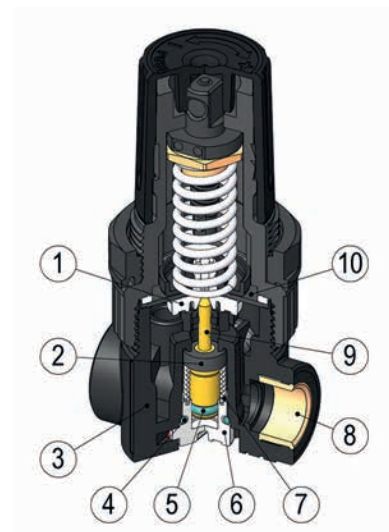
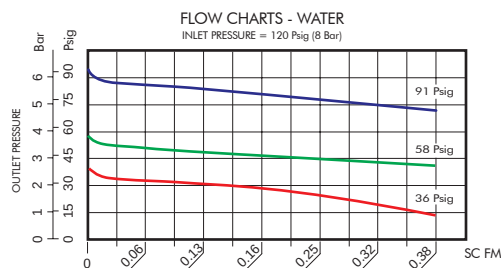
Pressure range	0-30; 0-60; 0-120; 0-175 PSIG
Maximum inlet pressure	230 PSIG
Water Reference Flow rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 0.25 SCFM
Working temperature max (at 145 PSIG)	122°F
Max Torque 1/8" IN-OUT	177 in lb
Max Torque 1/4" IN-OUT	221 in lb
Max torque gauge port	8 in lb
Weight	0.22 lb

ORDERING CODE

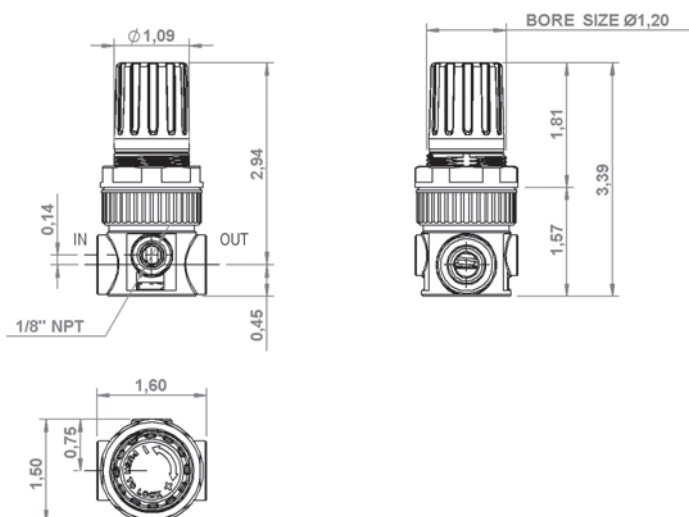
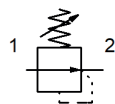
CODE	REF.
X39.00.00201	MR 1/8" 039 02 A
X39.00.00202	MR 1/8" 039 04 A
X39.00.00203	MR 1/8" 039 08 A
X39.00.00204	MR 1/8" 039 12 A
X39.00.00601	MR 1/4" 039 02 A
X39.00.00602	MR 1/4" 039 04 A
X39.00.00603	MR 1/4" 039 08 A
X39.00.00604	MR 1/4" 039 12 A

USED MATERIALS

- | | |
|------------------------|--------------------------------|
| 1. Diaphragm pin- POM | 6. Plug- POM |
| 2. Valve sealing- NBR | 7. Valve spring- INOX AISI 316 |
| 3. Regulator body- POM | 8. Inserts- BRASS OT58 |
| 4. O-Ring plug- NBR | 9. Valve body- BRASS OT58 |
| 5. O-Ring valve- NBR | 10. Diaphragm- NBR |



LINE 039 1/4" NPT | EPDM REGULATORS FOR LIQUIDS



GENERAL FEATURES

In this version all the elastomers in contact with fluid (seals, diaphragm, etc.) are made in EPDM so as to guarantee the maximum resistance against chemical aggressions.

Microregulator delivering high performance with balanced valve for ensuring great stability, even upon variation of the upstream pressure, and low load loss.

Non relieving for liquid application.

Application: contact with brake fluid, other liquids compatible with EPDM (*)

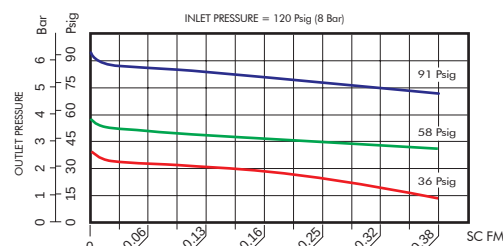
Knob with pressure locking device.

Equipped with nut and nr. 1 plug.

(*) for further information, please contact our Technical Dept.

GENERAL TECHNICAL DATA

Pressure range	0-30; 0-60; 0-120; 0-175 PSIG
Maximum inlet pressure	230 PSIG
Water Reference Flow rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 0.25 SCFM
Working temperature max (at 145 PSIG)	122°F
Max Torque 1/8" IN-OUT	177 in lb
Max Torque 1/4" IN-OUT	221 in lb
Max torque gauge port	8 in lb
Weight	0.22 lb

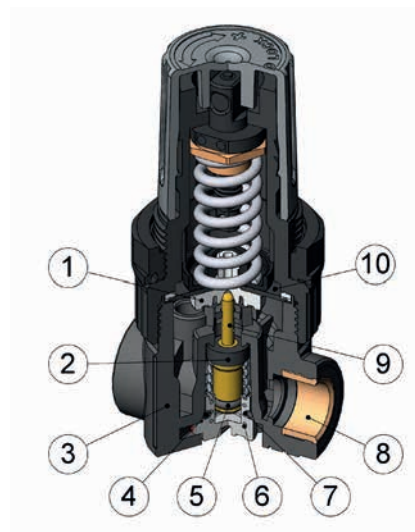


ORDERING CODE

CODE	REF.
X39.00.00304	MR 1/4" 039 02A EPDM
X39.00.00305	MR 1/4" 039 04A EPDM
X39.00.00306	MR 1/4" 039 08A EPDM
X39.00.00307	MR 1/4" 039 12A EPDM

USED MATERIALS

- | | |
|------------------------|--------------------------------|
| 1. Diaphragm pin- POM | 6. Plug- POM |
| 2. Valve sealing- EPDM | 7. Valve spring- INOX AISI 316 |
| 3. Regulator body- POM | 8. Inserts- Brass OT58 |
| 4. O-Ring plug- EPDM | 9. Valve body- Brass OT58 |
| 5. O-Ring valve- EPDM | 10. Diaphragm- EPDM |

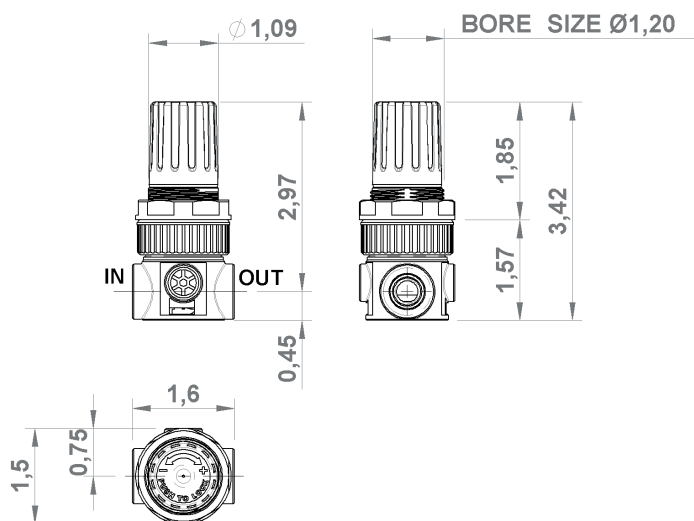
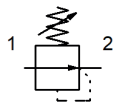


LINE 039 1/4" INOX NPT | WATER REGULATORS WITH CERTIFIED MATERIALS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Pressure regulator for liquids realized with certified materials.
Metal components in contact with fluid made in AISI 316L stainless steel.

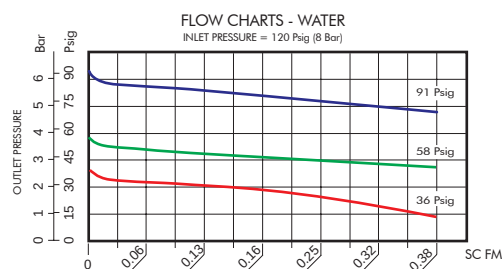
Balanced valve.

Non relieving version for liquids application.

Konob with pressure locking device.

GENERAL TECHNICAL DATA

Pressure range	0-30; 0-60; 0-120; 0-175 PSIG
Maximum inlet pressure	230 PSIG
Water Reference Flow rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 0.25 SCFM
Working temperature max (at 145 PSIG)	122°F
Fluid max. temperture (water)	73° F
2-way body without gauge ports	
Max Torque 1/8" IN-OUT	177 in lb
Max Torque 1/4" IN-OUT	221 in lb
Weight	0.22 lb



ORDERING CODE

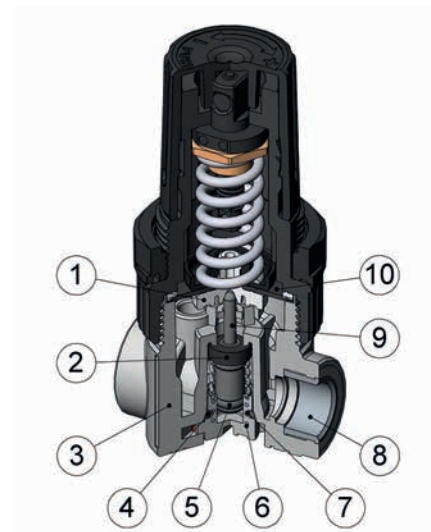
CODE	REF.
X39.00.00242	MR 1/4" 039 02A INOX 2V FG
X39.00.00243	MR 1/4" 039 04A INOX 2V FG
X39.00.00244	MR 1/4" 039 08A INOX 2V FG
X39.00.00245	MR 1/4" 039 12A INOX 2V FG

USED MATERIALS

- | | |
|---------------------------------|--|
| 1. Diaphragm pin - POM* | 6. Plug - POM* |
| 2. Valve sealing - EPDM* | 7. Valve spring - INOX AISI 316 |
| 3. Regulator body - POM* | 8. Inserts - INOX AISI 316 |
| 4. O-Ring plug - NBR* | 9. Valve body - INOX AISI 316 |
| 5. O-Ring valve - NBR* | 10. Diaphragm - EPDM + Nylon* |

*All materials in contact with fluid are certified.

For more information please contact our sales department.



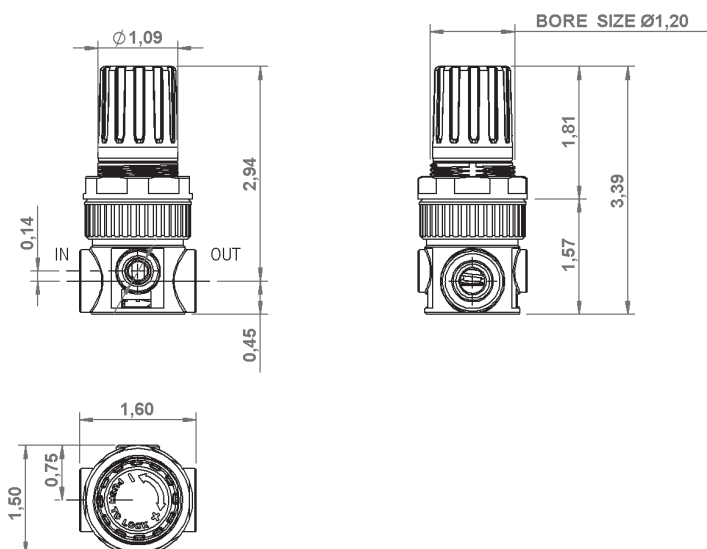
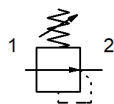
LINE 039 1/4" POM NPT

WATER REGULATORS
WITH CERTIFIED
MATERIALS

AIR PREPARATION

VALVES

WATER PREPARATION



GENERAL FEATURES

Pressure regulator for liquids realized with certified materials. Brass components in contact with fluid undergo a chemical nickel-plating treatment that is NFS/ANSI51 certified.

Balanced valve.

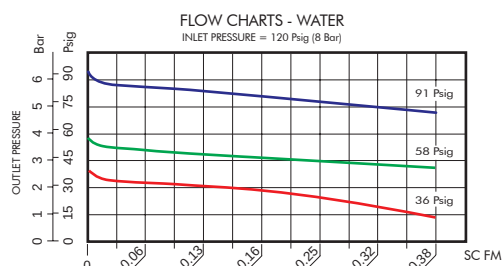
Non relieving version for liquids application.

Konob with pressure locking device.

Available with 2-way body (without gauge ports) or 4-way.

GENERAL TECHNICAL DATA

Pressure range	0-30; 0-60; 0-120; 0-175 PSIG
Maximum inlet pressure	230 PSIG
Water Reference Flow rate	P1= 87 PSIG; Δ P= 14.5 PSIG; 0.25 SCFM
Working temperature max (at 145 PSIG)	122°F
Fluid max. temperature (water)	73° F
Available with 2-way or 4-way body	
Max Torque 1/4" IN-OUT	8 in lb
Max torque gauge port	8 in lb
Weight	0.22 lb



ORDERING CODE

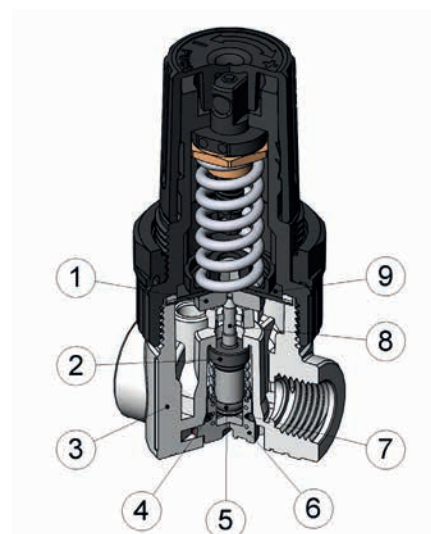
CODE	REF.
X39.00.00250	MR 1/4" 039 02A 2V POM FG
X39.00.00251	MR 1/4" 039 04A 2V POM FG
X39.00.00252	MR 1/4" 039 08A 2V POM FG
X39.00.00253	MR 1/4" 039 12A 2V POM FG
X39.00.00246	MR 1/4" 039 02A 4V POM FG
X39.00.00247	MR 1/4" 039 04A 4V POM FG
X39.00.00248	MR 1/4" 039 08A 4V POM FG
X39.00.00249	MR 1/4" 039 12A 4V POM FG

USED MATERIALS

- | | |
|-----------------------------------|---|
| 1. Diaphragm pin - POM* | 5. O-Ring valve - NBR* |
| 2. Sealing valve - TPC-ET* | 6. Plug - POM* |
| 3. Regulator body - POM* | 7. Valve spring - S.S. AISI 316 |
| 4. O-Ring plug - NBR* | 8. Valve body - brass + nickel plating (NSF51) |
| | 9. Diaphragm - EPDM + Nylon* |

*All materials in contact with fluid are certified.

For more information please contact our sales department.



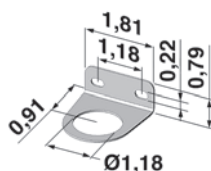
LINE 039 MR 1/8"-1/4" NPT | SPARE PARTS

GAUGE



CODE	BAR	PSIG	A	B	CH.
A38.00.00104	0-14	0-200	1.57	1/8" NPT	0.55

BRACKET



CODE
C38.00.00069

REGULATION SPRING



CODE	LINE	PRESSURE RANGE
A38.00.00133	039	0-14.5 PSIG
A38.00.00132	039	0-30 PSIG
A38.00.00131	039	0-60 PSIG
A38.00.00130	039	0-120 PSIG
A38.00.00128	039	0-175 PSIG

TECHNOPOLYMER PLUG 1/8"



CODE	LINE
B38.00.00018	039

TECHNOPOLYMER 1/8 PLUG. MATERIAL CERTIFIED



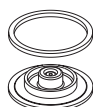
CODE	LINE
B38 00 00139	039

TAMPER PROOF KNOB



CODE	LINE
B39 00 00007	039

DIAPHRAGM KIT



CODE	LINE	VERSION
C39.00.00075	039	NON RELIEVING
C39.00.00077	039 INOX	NON RELIEVING
C39.00.00086	039 POM	NON RELIEVING
C39.00.00095	039 EPDM	NON RELIEVING