



"Fluid Under Control"



MEASUREMENT AND CONTROL PRODUCT

Flow - Level - Pressure - Temperature

Air, Water, Gas, Oil, Nutrient, Limpid
Fluid Types, Acid, Base, Lubrication
Systems



Flowmeters with Float

Measurement Range : 1.5 - 60,000 lt/hours
Body Material : Trogamit, Polisulphone, Glass
Pressure Resistance : 15 Bar
Temperature Resistance : -10 °C- 100 °C
Connection : DN 15 – DN 80 (Screwed, Flanged, Pipe Type)
Application Types : Air, Water, Limpid Fluid, Acid, Base, Gas



SKT / SKPK

6001 / 6002

PT11 / PSM21

*On request, supplied with switch and 4-20 mA output.

Flowmeters with Flow Regulator and Float



2000

UK / UKV

Measurement Range : 0,1 lt/dak. – 30 Nm3/saat
Body Material : Trogamit, Polisulphone, Glass, Acrylic
Pressure Resistance : 15 Bar
Temperature Resistance : -10 °C- 80 °C
Connection : 1/8", 1/2" Screwed
Application Types : Air, Water, Limpid Fluid, Acid, Base, Gas

Flowmeter with Switch

Measurement Range : 0,1 lt/hour – 3000Nlt/hour
Body Material : Glass (stainless protection box)
Pressure Resistance : 15 Bar
Temperature Resistance : -10 °C- 150 °C
Connection : 1/4", 3/4"
Output : Switch Output
Application Types : Air, Water, Limpid Fluid, Acid, Base, Gas



60-M1

60-M1V

Flowmeters for Lubrication Systems



KA

TLA

Measurement Range : 0.1 lt/min – 35 Nl/min
Body Material : AISI 316
Pressure Resistance : 30 Bar
Temperature Resistance : 120 °C
Connection : 1"
Application Types : Lubrication systems

Flowmeters with High Flow Float

Measurement Range	: 1.6 – 130 m ³ /hour
Body Material	: Glass, Stainless Steel, PVC, PP, PVDF, Viton
Pressure Resistance	: 10 Bar
Temperature Resistance	: 100 °C
Connection	: DN 10 – DN 200
Application Types	: Air, Water, Limpid Fluid, Acid, Base, Gas

*On request, it is supplied with switch output.



Multitube Flowmeters (Flow Regulation Valves)



Flowmeter Quantity	: 1 – 12
Measurement Range	: 2 ml/min – 2.5 lt/min. For Water, 0,1 NI/Sec. – 90 NI/Sec. For Air
Body Material	: Acrylic
Pressure Resistance	: 20 Bar
Temperature Resistance	: 75 °C
Connection	: 1/4"
Sensitivity	: 5 %
Application Types	: CO ₂ Control in Greenhouses, Water, Air, Limpid Fluid, Base, Gas

Metal Tube Variable Area Flowmeters:

Measurement Range	: 2.5 lt/hour – 180 m ³ /hour For Water 400 NI/hour – 2600 Nm ³ /hour For Air
Body Material	: AISI 316 SS
Pressure Resistance	: 150 – 400 Bar
Temperature Resistance	: -160°b0C - 150 °C / 400°C
Connection	: DN 15 – DN 150 (Screwed – Flanged)
Sensitivity	: 2,5%- 1,6%
Application Types	: Water, Air, Acid, Base, Oil, Gas

*Limit Switch, Analog Output Signal(4-20mA) and totalizer option exists.
(Instant and total flow)



Metal Tube Variable Area Flowmeters:



Measurement Range	: 0,1 lt/hour - 1000 lt/hour For Water
Body Material	: AISI 316 SS
Pressure Resistance	: 40 Bar
Temperature Resistance	: -20°C - 200 °C
Connection	: 1/4" - 3/4"
Sensitivity	: 4%
Application Types	: Water, Air, Acid, Base, Oil, Gas

* Analog Output(4-20 mA) option exists.

Target Flowmeters

Measurement Range : 1 m³/hour - 1600 m³/hour
 For Water
Body Material : AISI 316 SS / Plastic Covered Steel
Pressure Resistance : 10 Bar – 40 Bar
Temperature Resistance : -20°C - 130 °C / 180 °C
Connection : DN 40 – DN 500
Sensitivity : 2,5% - 4%
Application Types : Water, Acid, Base, Oil,
 Fluid containing particles in it.



*Limit Switch, Analog Output Signal(4-20mA) and totalizer option exists. (Instant and total flow)

Volumetric Counters



Measurement Range : 10 lt/hour – 60 m³/hour
Body Material : AISI 316 SS
Pressure Resistance : 10 – 150 Bar
Temperature Resistance : -20 °C - 130 °C
Connection : DN 10 – DN 100
Sensitivity : 0.8%
Application Types : Water, Acid, Base, Oil

* Analog Output Signal(4-20mA) and totalizer option exists. (Instant and total flow)

TORK-RR Type Flowmeter

Measurement Range : 0.1 – 100 lt /min.
Body Material : PVD /Bras/Stainless Steel / PPS
Pressure Resistance : PN 16 / PN 100
Temperature Resistance : 60 - 100 °C
Connection : 3/8" - 1"
Sensitivity : 3%
Output Signal : Pulse
Application Types : Water, Acid, Base, Oil

* Digital Indicator and 4-20mA options exist. (Instant and total flow)



TORK-VHZ Type Flowmeters

For high viscosity fluids



Measurement Range : 0,02 - 150 lt/min
Body Material : Aluminium / Stainless Steel
Pressure Resistance : PN 100 / PN 200
Temperature Resistance : 80 - 120 °C
Connection : 1/8" - 1/4" – 3/4" - 1"
Sensitivity : 3%
Output Signal : Pulse
Application Types : Water, Acid, Base, Oil

* Digital Indicator and 4-20mA options exist (Instant and total flow)

Screw Flowmeter

Measurement Range	: 1.4-2500 l/min su
Connection	: 1" ... 2 1/2"
Body Material	: Aluminium, Döküm, çelik, paslanmaz çelik
Screw	: Çelik, Stainless Steel
Pressure Resistance	: 160 bar, 350 bar
Temperature Resistance	: -25 ... +80 °C; Max. 150 °C
Output Signal	: PNP, NPN, 4-20 mA, 0-10 VDC, frekans, switch
Sensitivity	: % 1
Application Types	: Water, oil, viscose liquids



*Digital Indicator and 4-20mA options exist. (Instant and total flow)

VHS

TORK-RT Type Flowmeter



Digital Indicator

OMNI Digital Indicator

TORK-RT

Measurement Range	: 0.11 - 68 m ³ /hour
Body Material	: Stainless Steel
Pressure Resistance	: PN 250
Temperature Resistance	: 85 °C
Connection	: 1/2" – 2"
Sensitivity	: 1%
Output Signal	: Pulse
Application Types	: Water, Acid, Base, Oil

* Digital Indicator and 4-20mA options exist. (Instant and total flow)

Turbine Flowmeter with Stainless Body

Measurement Range	: 300 lt/hour – 1100 m ³ /hour for water
Body Material	: AISI 316 SS, AISI-420
Pressure Resistance	: 16 – 400 Bar
Temperature Resistance	: -20 °C - 130 °C
Connection	: DN 15 – DN 150
Sensitivity	: 0,5 %
Output Signal	: 4-20 Ma Analog Output and Pulse Output (Instant and total flow)
Application Types	: Water, Acid, Base, Oil, Petrochemistry



TM 44

TM 44 Digital

Digital Indicator

Submersible Type Paddle Flowmeters



TORK-F3

Measurement Range	: 0.15-8 m ³ /sn
Connection	: DN15 ... DN600
Body Material	: PVC, PTFE, SS316, Prinç, ABS
Paddles	: ECTFE, SS316
Pressure Resistance	: 10 bar ... 25bar
Temperature Resistance	: 70 - 120 °C
Output Signal	: NPN, 4-20 mA
Sensitivity	: % 0.75
Application Types	: Water, alcohole, non-viscose liquids, aggressive liquids

*Digital Indicator and 4-20mA options exist. (Instant and total flow)

Turbine Type Flowmeters

Measurement Range	: 0.15 - 473 l/min su
Connection	: 6mm; 1/2" ... 2"
Body Material	: ABS plastic, SS304, PVC
Pressure Resistance	: 10 bar ... 63 bar
Temperature Resistance	: -40 ... +120 °C
Output Signal	: NPN, 4-20 mA, RS485, HART
Sensitivity	: % 1, optional %0.5-%0.2
Application Types	: Water, alcohole, non-viscose liquids, aggresivve liquids

*Digital Indicator and 4-20mA options exist. (Instant and total flow)



VISION 2000 Flowmeters (Low Flow Rate Measurement)



VISION 2000

Measurement Range	: 0.1 lt/min – 35 lt/min (6 different measurement range options exist)
Connection	: G 3/8" or 3/8 NPT
Pressure Resistance	: 25 Bar
Sensitivity	: 3%
Temperature Resistance	: -20 °C – 100 °C
Supply Voltage	: 5 - 24 VDC
Output	: Pulse
Application Types	: Flow systems with low flow rate.

Digital Flow Indicators

Body Material	: Plastic
Input	: 0-5V DC, 0-10VDC, 4-20mA, pulse (NPN, PNP, Push-Pull), PT100, mV
Output	: 4-20 mA, pulse, relay
Communication	: RS485
Calculation	: IAPWS-IF97 (BAB216)
Indicator	: LCD, LED



BAB212



BAB216



E1200

Electromagnetic Flowmeter



FLOMID 2FX-XT5



FLOMAT



FLOMID 6FX

Measurement Range	: 10 lt/hour – 6000 m ³ /hour
Body Material	: AISI 316 SS, Hastelloy C, Titanium
Pressure Resistance	: PN 16 – PN 250
Temperature Resistance	: -20 °C – 130 °C
Connection	: DN 3 – DN 500
Sensitivity	: 0,5 %
Output Signal	: 4-20 mA Analog Output
Indicator	: LCD Screen with Instant and Total Flow Indicator
Application Types	: Water, Acid, Base, Oil, Nutrient

Ultrasonic Flowmeter

Measurement Range : 0.2-12 m/sn
Connection : DN80 ... DN2000
Material : ABS plastic indicator, anaodise aluminium sensor
Supply : 85-265 VAC
Sensitivity : \pm % 1.5 R.V. \pm 0.02 m/s
Output Signal : 4-20 mA, relay
Cable : 5m, 6m ... 50m



CU100

Portable Ultrasonic Flowmeter



BSUF-TTHH

Measurement Range : 0.01-12 m/sn
Connection : DN10 ... DN6000
Material : ABS plastic indicator, plastic sensor
Temperature Resistance : -40 ... +120 °C, max. 175 °C
Sensitivity : % 1
Output : RS232
Cable : 5m
Datalogger : 2000 datas

Ultrasonic Flowmeters

Measurement Diameter : DN 10 – DN 3300
Output Signal : 4-20 mA Analog Signal (Instant and Total Flow)
Switch : Output of switch is based on the two values which were determined by user.
Application Types : Water, Acid, Base, Oil, Air, Gas

Ultrasonic flowmeters which has portable and steady types; provide user to measure flow rate of various dimensions(DN10-DN3300) of line, by one tool. During installation, it does not require any flow cut as there is no need to put any connection material to the line. It provides practical and quick measurement. In such places like open channels and river beds; it provides easy measurement. It has exproof models.



MINI-P controller, indicator, totalizer



MINISONIC-ISD gas applications



MINISONIC-2000 Flammable and explosive environments



Portable flow measurements



UF 322 Open channel flow measurements.

Compact Orifice Flowmeter

Connection	: DN15 ... DN500
Material	: SS304 body and connection
Temperature Resistance	: +200 °C, max.450 °C
Pressure Resistance	: 137 bar, max. 350 bar
Accuracy	: % 1
Output	: 4-20mA + HART, relay
Montage Position	: Horizontal and Vertical (bottom to top)
Application Types	: Liquid, gas, steam
Option	: Ex-Proof



FOFT.F Flange

FOFT.W Wafer (Sandwich)

TORK-CRG/CRE Type Flow Switch



TORC-CRG

TORC-CRE

Measurement Range	: 0.2 – 165.7 m ³ /hour
Body Material	: Brass - Stainless Steel
Pressure Resistance	: 11 Bar - 30 Bar
Temperature Resistance	: 120 °C
Connection	: 1"
Available Routes	: DN 25...DN 200
Switch	: SPDT Switch (230 V AC 1A 50 VA)
Application Types	: Water, Acid, Base, Oil, Air

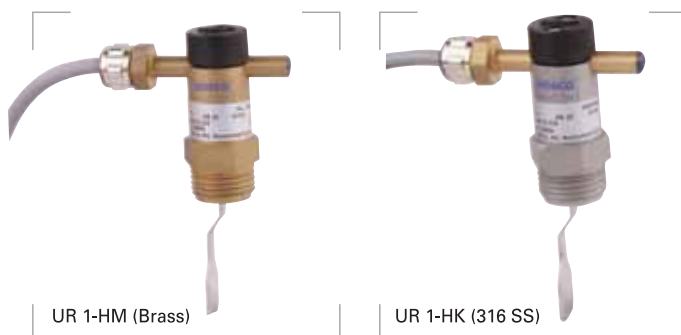
TORK-UR 1 Type Flow Switch

Measurement Range	: 2,5 – 53 lt/min
Body Material	: Brass - Stainless Steel
Pressure Resistance	: PN 25
Temperature Resistance	: 110 °C
Connection	: 3/8" ... 2"
Switch	: Reed Switch (230 V AC 1A 50 VA)
Application Types	: Water, Acid, Base, Oil



UR 1-GM/GK

TORK-UR Type Flow Switch



UR 1-HM (Brass)

UR 1-HK (316 SS)

Measurement Range	: 23 - 118 lt/min
Body Material	: Brass - Stainless Steel
Pressure Resistance	: PN 25
Temperature Resistance	: 110 °C
Connection	: 1/2" - 1 1/4"
Applicable Lines	: DN 30 – DN 80
Switch	: Reed Switch (230 V AC 1A 50 VA)
Application Types	: Water, Acid, Base, Oil

TORK-HD Type Flow Switch

Measurement Range : 0.5 - 60 lt/min
Body Material : Brass - Stainless Steel
Pressure Resistance : PN 200
Temperature Resistance : 120 °C
Connection : 1/4" ... 1"
Switch : SPDT Switch (230 V AC 1A 50 VA)
Application Types : Water, Acid, Base, Oil



TORK-HD1K

TORK-UZ Type Flowmeter



TORK-UZ

Measurement Range : 2 - 500 lt/hour
Body Material : Brass / Stainless Steel
Pressure Resistance : PN 16
Temperature Resistance : 90 °C
Connection : 1/2" – 2"
Sensitivity : 3%
Output : Micro Switch
Application Types : Water, Acid, Base, Oil

TORK-FLEX Type Flowmeter and Flow Switch

Measurement Range : 0.001 - 10 lt/min.
Body Material : Stainless Steel
Pressure Resistance : 10 Bar
Temperature Resistance : 70 °C
Connection : Ø6 / Ø8/ Ø10 mm
Switch : NPN / PNP Transistor Switch
Output Signal : 4-20 mA / 0-10 V Analog Signal
Application Types : Water, Acid, Base, Oil



Digital Indicator



TORK-FLEX-FIN



OMNI Digital Indicator

TORK-EFKP Type Calorimetric Flow Switch



TORK-EFKP

Measurement Range : 20 - 50 cm/sec.
Body Material : Stainless Steel
Pressure Resistance : 100 Bar - 200 Bar
Temperature Resistance : 70 °C
Connection : 1/4" - 1/2"
Switch : NPN – PNP Transistor Switch
Output Signal : 4-20 mA / 0-10 V Analog Signal
Application Types : Water, Acid, Base, Oil

Magnetic Level Switch

Body Material : PP and stainless steel, PA12
Voltage Supply : Max. 250V, 24V 1A, IP65
Switch : One pole, One Way N.C., N.O.
Temperature : -25 °C ... 105 °C
Connection : 1/2"
Application Types : Water, Limpid Fluid Types,
 Acid, Viscous Fluid, Glue
Fluid Concentration: 0,7 gr/cm³



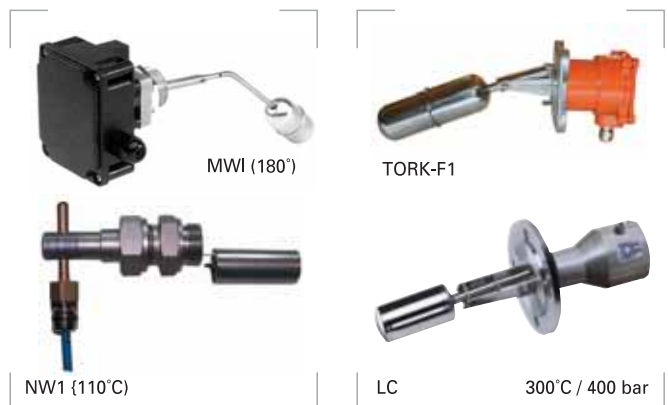
Magnetic Level Switch



Body Material : PVDF, PP
Voltage Supply : Max 250 V, 24V 1A, IP65
Switch : One pole, One Way N.C., N.O.
Temperature : -25 °C ... 130 °C
Connection : M16
Application Types : Water, Limpid Fluid Types, Acid
Fluid Concentration: 0,6 - 0,7 gr/cm³

Level Switch with Float

Body Material : Stainless Steel, Brass, Teflon, PVC
Voltage Supply : 250 V
Switch : One pole, Two Ways N.C., N.O.
Temperature : -25 °C ... 110 °C, 180 °C, 300 °C
Connection : 3/4" , 1" , and DN65
Application Types : Water, Steam, Limpid Fluid, Acid,
 Viscous Fluid



Level Switch with Float



Body Material : Stainless Steel, PVC
Voltage Supply : Max 250 V, 24V 1A, IP65
Switch : One pole, Two Ways N.C., N.O.
Temperature : 105 °C
Connection : 1/8" and 3/8"
Probe Length : 75 mm
Fluid Concentration: 0,66 - 0,8 gr/cm³
 0,34 - 0,66 - 0,8 gr/cm³ (On request)
Application Types : Water, Limpid Fluid, Acid.

Level Switch with Float

Body Material : Stainless Steel
Pressure Resistance : PN 10
Temperature Resistance : 125 °C
Connection Size : 1/4"
Contact : N.O., N.C., SPDT
Application Types : Water, Oil, Non-Aggressive Liquids
Cable : 1.5 m silicone



TORK-MS 30



TORK-MS20

Level Switch with Float



TORK-MS 40

Body Material : Stainless Steel
Pressure Resistance : PN 10
Temperature Resistance : 125 °C
Connection Size : 1/4" ... 1"
Contact : N.O., N.C., SPDT
Application Types : Water, Oil, Non-Aggressive Liquids
Cable : 1.5 m silicone

Level Switch with Float

Body Material : Stainless Steel
Pressure Resistance : PN 10
Temperature Resistance : 125 °C
Connection Size : 1/4"
Contact : N.O., N.C., SPDT
Application Types : Water, Oil, Non-Aggressive Liquids
Cable : 1.5 m silicone



TORK-LS 20



TORK-LS 20

Radar Level Transmitter



LTDR

Body Material : Stainless Steel, Aluminium
Measurement Range : 30 cm ... 20 m
Pressure Resistance : -1 ... 40 bar
Temperature Resistance : -40°C ... +150 °C
Connection Size : 3/4"
Output : 4-20 mA, PNP (N.O., N.C.)
Application Types : Water, Hydrocarbone, Viscose Liquids, Aggressive Liquids, Solids
Ex-proof : ATEX
Sensitivity : ±3 mm

Level Transmitters with Float

Body Material : Stainless Steel, Brass, PVC
Voltage Supply : Max 250 V, 24V 1A, IP65
Switch : One pole, One Way N.C., N.O.
Outlet Signal : 4-20 mA and with Digital Indicator
Pressure : 10-40 bar
Temperature : -25 °C...105 °C
Connection : 1" ... 2"
Measurement Range: max. 2 mt.
Probe Length : 75 mm
Fluid Concentration : 0,34...0,4 gr/cm³
Application Types : Water, Limpid Fluid, Acid.



Level Gauge & Transmitter



Body Material : Stainless Steel, PVC, PTFE
Voltage Supply : Max 250 V, 24V 1A, IP65
Switch : One pole, Two Ways N.C., N.O.
Outlet Signal : 4-20 mA and with Digital Indicator
Pressure : 16 bar, 400 bar
Temperature : 60 °C, 150 °C, 400 °C
Connection : DN 20...DN 40
Probe Length : 0.3m...6m
Application Types : Water, Steam, Limpid Fluid, Acid, Nutrient
Concentration : 0.45...3 kg/l
Viscosity : max. 1500 mPascal

Level Switch Vibrating Fork System

Body Material : Stainless Steel
Voltage Supply : Max 250 V, 24V 1A, IP65
Switch : One pole, One Way N.C., N.O.
Pressure : 16 bar, 100 bar, 400 bar
Temperature : -30°C...115 °C
Connection : 1"
Probe Length : 130 mm Standard (max 2000 mm.)
Application Types : Water, Limpid Fluid, Acid.



Immersion Type Level Switch for Submersible Measurement



Body Material : Stainless Steel, PVC, PTFE
Voltage Supply : Max 250 V, 24V 1A, IP65
Switch : One pole, Two Ways N.C., N.O.
Outlet Signal : 4-20 mA and with Digital Indicator
Pressure : 10 bar, 16 bar, 320 bar
Temperature : -60 °C...80 °C, 400 °C
Connection : DN 20...DN 40
Probe Length : 0.3m...6m and 250 m
Application Types : Water, Deep Artesian Wells, Tanks, Ex-proof Atmospheres
Concentration : 0.5...2 kg/l
Viscosity : max. 200 mPascal

Level Switch with Cable

Water, oil etc. fluids

- Body Material** : PP, Hypalon
- Voltage Supply** : Max 250 V, 24V 1A, IP65
- Switch** : One pole, Two Ways N.C., N.O.
- Pressure** : 3,5 bar
- Temperature** : Max. 95 °C
- Probe Length** : 2m, 5m, 10m, 20m, 30m
- Application Types** : Water, Limpid Fluid, Acid, Wheat, Paint, Sand, Plastic, Coal, Lime, Cement

*On request Ex-proof models.



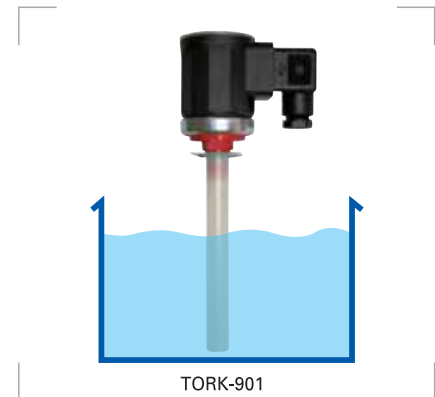
Ultrasonic Level Switch + Indicator + Analog Outlet



- Body Materials** : PP, PVDF
- Voltage Supply** : 24 V DC
- Output Signal** : 4-20 mA and PNP and NPN switch
- Temperature** : max. 95 °C
- Probe Length** : max. 2.5m, 6m., 12m.
- Application Types** : Water, Limpid Fluid, Acid, Plastic, Petroleum and Petrochemical Plants etc.

Level Switch for Controlling and Measuring Low Level

- Body Materials** : PVC, Brass
- Voltage Supply** : 220 V AC
- Switch** : One pole, Two Ways N.C., N.O.
- Temperature** : max. 80 °C
- Probe Length** : min. 2 cm...50 cm.
- Application Types** : Water, Limpid Fluid, Acid, Chemical Fluid etc.



Level Switch by Rotary Paddle / Level Switch by Diaphragm



- Body Materials** : PVC, Stainless Steel
- Voltage Supply** : max. 250 V, 1A, IP50
- Switch** : One pole, Two Ways N.C., N.O.
- Temperature** : -10°C... 80 °C
- Application Types** : Wheat, Paint, Sand, Plastic, Coal, Lime.

Manometers

Measurement Range : -1...15 Bar 0 ... 400 Bar
 Dimension : 40 mm... 160 mm
 Body : Plastic
 Connection : From Downside or Backside
 Application Types : Venting Systems,
 Hydraulic-Pneumatic Systems



1410 / 1420



1415 / 1425

Manometers for Hard Environments



1440

Measurement Range : -1...15 Bar 0 ... 400 Bar
 Dimension : 40 mm... 160 mm
 Body : Stainless Steel
 Connection : From Downside or Backside
 Application Types : Machine Industry, Compressors,
 Pumps, Factory Systems,
 Chemical Industry, Mine and
 Ship Industry, Purifying Systems

*Models with glycerin exist.

Manometers for Chemicals

Measurement Range : -1...15 Bar 0 ... 400 Bar
 Dimension : 40 mm... 160 mm
 Body : Stainless Steel
 Connection : From Downside or Backside
 Application Types : Chemical and Petrochemical Industry,
 Nutrient Industry, Machine Industry,
 Factory Systems

*Models with glycerin exist.



1580

Manometers with Switch



1601 / 1711

Measurement Range : -1...15 Bar 0 ... 400 Bar
 Dimension : 100 mm... 160 mm
 Body : Stainless Steel
 Connection : From Downside or Backside
 Application Types : Machine Industry, Factory Systems,
 Hydraulic-Pneumatic Systems,
 Water Systems

Manometers with Diaphragm

Measurement Range : -1...25 Bar 0 ... 250 Bar
Dimension : 100 mm... 160 mm
Body : Stainless Steel
Connection : From Downside
Application Types : Machine Industry,
 Hydraulic-Pneumatic Systems,
 Water Systems, Factory Systems

*Models with glycerin and switch exist.



2900



1651

Differential Manometers (Differential Pressure)



2600



2680

Measurement Range : 0 ... 600 Bar
Dimension : 80 mm... 160 mm
Body : Stainless Steel / Aluminium
Application Types : Machine Industry, Compressors,
 Pumps, Factory Systems,
 Chemical Industry, Mine and Ship
 Industry, Purifying Systems.

*Models with switch exist.

Oblique Type Manometers

Measurement Range : 0 – 500 Pa 100 – 500 Pa
Body : Acrylics
Connection : 4-6 mm hose connection
Sensitivity : -40 °C...50 °C
Application Types : Venting Systems, Filters,
 Laboratories



DPA Series

Diaphragms for Chemicals



3000



4



3005



3010



3025

User can face with problems with measuring pressure value of the fluid due to high temperature, high viscosity, and crystallization. Especially in chemical materials and nutrient production lines, measurement must be done with the help of a specialized diaphragm which is chosen according to the fluid specifications

Body : CrNi Steel / Hastelloy / Titanium / PTFE
Temperature : -90 °C...400 °C
Pressure : PN 1600
Application Types: Chemical Industry, Nutrient Industry

Digital Manometers

Multi - Flow Meters (Flow Adjustment Valve)

Measurement Range : 0 ... 700 Bar
 Indicator : 4 Digit LCD Screen
 Temperature : -30 °C...+85 °C
 (>50 Bar -30 °C...+100 °C)
 Body : Stainless Steel
 Application Types : Machine Industry, Factory Systems,
 Hydraulic-Pneumatic Systems



3961 / 3962

Pressure Transmitter



3297

3297 (OEM Applications)

Measurement Range : 0 ... 1000 Bar
 Body : Stainless Steel / Aluminium
 Connection Size : 1/4"
 Voltage Supply : 10-30 V DC
 Output Signal : 4-20 mA/0-10 V
 Sensitivity : 1%
 Application Types : Machine Industry, Factory Systems,
 Pneumatic Systems, Vacuum Lines

*Exproof models exist

*Models for measuring gross pressure exist.

Pressure Transmitter with Internal Diaphragm

For high viscosity fluids

Measurement Range :
 Negative Pressure: -1...5 Bar - 0.1 ... 0 Bar
 Positive Pressure: 0...0,1 Bar 0 ... 4000 Bar
 Gross Pressure : 0... 0,25 Bar 0 ... 16 Bar
 Body : Stainless Steel
 Connection : 1/2"
 Voltage Supply : 10 - 30 V DC
 Output Signal : 4-20 mA/0-10 V
 Sensitivity : 0.5% /0.25%
 Application Types : Machine Industry, Factory Systems, Pneumatic Systems,
 Vacuum Lines

*Exproof models exist

*Models for measuring gross pressure exist.



3276

Cooling
Material

Pressure Transmitter with Front Diaphragm

Food and hygienic applications



3269

3251

Measurement Range :
 Negative Pressure: -1...5 Bar - 0.1 ... 0 Bar
 Positive Pressure: 0...0,1 Bar 0 ... 4000 Bar
 Gross Pressure : 0... 0,25 Bar 0 ... 16 Bar 0 ... 25 Bar
 Body : Stainless Steel
 Connection : Triclamp 1 1/2", 1/2" Diaphragmed
 Voltage Supply : 10 - 30 V DC
 Output Signal : 4-20 mA/0-10 V
 Sensitivity : 0.5% /0.25%
 Application Types : Machine Industry, Factory Systems,
 Pneumatic Systems, Vacuum Lines

*Exproof models exist

*Models for measuring gross pressure exist.

Low Pressure and Differential Pressure Transmitters

Measurement Range : 0 ... 1 Bar 0... 1000 mBar
 Body : Stainless Steel / Aluminium
 Voltage Supply : 15-30 V DC
 Output Signal : 4-20 mA
 Sensitivity : 1% / % 0.6
 Application Types : Heating-Cooling Systems and Venting Systems,
 Filter Systems, Medical Devices



3317

Smart Type Pressure and Differential Pressure Transmitters



APT 3100



APT 3200

Measurement Range : 0 ... 400 Bar
 Voltage Supply : 12,5 ... 30 V DC
 Output Signal : 4-20 mA Analog Output Signal, HART
 Sensitivity : 1% / % 0.6
 Application Types : Venting Systems, Building Automation
 Systems, Medical Automation, Machine
 Industry, Cooling Industry, Hydraulic-Pneumatic
 Systems

Differential Pressure Switch / Transmitter

Measurement Range : 0 ... 100 bar
 Supply : 10 ... 30 V DC
 Body : Aluminium
 Temperature : -40 ... 85°C
 Sensitivity : % 1 F.S
 Connection : 1/8"
 Output : 4 - 20 mA



EDP1

Differential Pressure Switch / Transmitter



984



984

Measurement Range : 0 ... 250 mbar
 Supply : 10 ... 30 V DC
 Body : ABS Plastic
 Temperature : 0 ... 50°C
 Sensitivity : % 1 F.S
 Connection : 6.5 mm pipe
 Output : 4 - 20 mA / 0-10 V DC

Pressure Transmitters for Submerge Measurement

Measurement Range : 0...0,1 Bar 0...25 Bar

Body : Stainless Steel

Voltage Supply : 10 - 30 V DC

Output Signal : 4-20 mA(2 cables)
0-20 mA (3 cables)
0-10 V DC(3 cables)

Sensitivity : 0.5 % / 0.25 %

Application Types : Tank Level Measurement Systems,
Potable Water Systems, Purifying Systems



3230 / 3233

Pressure Transmitters for Submerge Measurement



Measurement Range : 0...0,1 Bar 0...25 Bar

Body : Stainless Steel

Voltage Supply : 10 - 30 V DC

Output Signal : 4-20 mA(2 cables)
0-20 mA (3 cables)
0-10 V DC(3 cables)

Sensitivity : 0.5 % / 0.25 %

Application Types : Tank Level Measurement Systems,
Potable Water Systems, Purifying Systems

S4130/S4220

Regulatable Mechanic Pressure Switch

Pressure and Vacuum

Measurement Range : 0,3...2 Bar 50...400 Bar

Body : Steel covered with Zinc

Electrical Resistance : 220 V AC / 2A

Switch : Normally Open / Normally Closed/ SPDT

Connection : 1/4"

Application Types : Hydraulic-Pneumatic Systems, Machine Industry



S4250

Electronic Pressure Switch



Measurement Range : -0,1...-0,05 Bar

5mbar...100 mbar

50...1000 Bar

Body : Aluminium / Plastic

Voltage Supply : 10 - 30 V DC

Switch : 2 N.O./1 N.O. + 1 N.C.(Regulatable)

Connection : 1/4" (Brass Connection)

Sensitivity : 1 % / % 0.6

Application Types : Machine Industry, Cooling Systems,
Hydraulic-Pneumatic Systems,
Vacuum Systems, Building Automation Systems

3140

Electronic Pressure Switch

- Measurement Range : -1...-10 Bar
0...700 Bar
- Indicator : 4 Digits and 7 Segments of Indicator
- Body : Aluminium / Plastic
- Voltage Supply : 12 - 30 V DC
- Switch : 2 N.O./1 N.O. + 1 N.C.(4-20 mA Outlet is optional)
- Connection : 1/4" (Brass Connection)
- Application Types : Machine Industry, Hydraulic-Pneumatic Systems,
Vacuum Systems, Building Automation Systems



S2400/S2410/S2420

Regulatable Low Pressure Switch



901.6x

- Measurement Range : -5 ...-700 mbar
5...20 mbar
1...12 Bar
- Voltage Supply : 10A 250V AC
- Switch : 1 Unit of SPDT Switch
- Switch Life : Min. 106 On-Off
- Connection : 1/4" (Brass Connection)
- Application Types : Venting Systems, Medical Devices, Machine Industry,
Hydraulic-Pneumatic Systems, Vacuum Systems,
Building Automation Systems, Cooling Systems

Factory Set Valued Low Pressure Switch

Set to constant pressure

- Measurement Range : -200 ...-900 mbar, 5...3000 mbar, 1...12 Bar
- Voltage Supply : 10A 250V AC
- Switch : 1 Unit of SPDT Switch
- Switch Life : Min. 106 On-Off
- Connection : 1/4" (Brass Connection)
- Application Types : Venting Systems, Medical Devices, Machine Industry,
Hydraulic-Pneumatic Systems, Vacuum Systems,
Building Automation Systems , Cooling Systems



901.1x/901.2x

Regulatable Differential Pressure Switches



901.8x

- Measurement Range : 5...50mbar
- Voltage Supply : 10A 250V AC
- Switch : 1 Unit of SPDT Switch
- Switch Life : Min. 106 On-Off
- Connection : 1/4" (Brass Connection)
- Application Types : Venting Systems, Medical Devices, Machine Industry,
Hydraulic-Pneumatic Systems, Vacuum Systems,
Building Automation Systems , Cooling Systems

Regulators

Connection Size : 1/4", 1/2", 3/4", 1" NPT
Max. Input Pressure : 10, 17 Bar
Output Pressure : 0-2 Bar, 0-4.1 Bar, 0-8.3 Bar, 0-10.3 Bar
Working Temperature : -20 °C... 80 °C
Body : Aluminium
Seal : Nitrile, Nitrile Elastomer



TORK-70

Regulators for Gas, Natural Gas, and Propane



P39 (High Pressure)



P38

Connection Size : 1/8", 1/4", 1/2", 3/4", 1" NPT
Max. Inlet Pressure : 28, 200, 225, 379 Bar
Outlet Pressure : 0-2 Bar, 0-4.1 Bar, 0-8.3 Bar, 0-10.3 Bar, 0-15.5 Bar, 0-34.5 Bar
Working Temperature : -46 °C...106 °C
Body : Brass / Brass Covered with Nickel / 316 SS, Zinc/Aluminium
Leakproofing Material : TFE, Nitrile, Nitrile Elastomer, Fluorocarbon, TFE

I/P and E/P Converters

Inlet Pressure : 7 Bar
Inlet Signal : 4 – 20 mA / 0 – 10V DC
Outlet Pressure : 3 – 150 psi

TORK-1000 Converters are electro pneumatic devices which supply air regulation according to the electrical signal. These converters which have a wide range of application; supply proportional outlet pressure between 3-150 psi as a response to 4-20 mA power signal and 0-10 V voltage. These devices, which are for regulating air pressure by converting air supply pressure to pressure force according to the electrical signal, can provide high flow capacity thanks to its charger.



TORK-1000



TORK-3510
I/P Digital - Remote control

Loadcell



3085



3089



3098



3081



3560

Body : Zinc Plated with Chromium
Measurement Range : 0 ... 100 kg, 0 ... 250 ton
Output Signal : 4-20mA, 0-10 V DC, 1.0 mV/V
Sensitivity : ±% 1.6, % 1, % 0.5, % 0.1
Application Types : Measurement of Weight and Tension, Pressure Sensing Systems

Resistance Thermometer

- Sensor : PT100 Class B, PT100 Class A
- Material : Stainless Steel
- Measurement Range : -200 ... +600 °C
- Connection : G 1/4", G 3/8", G 1/2", G 3/4", 1/2"NPT, 1/4"NPT, M14x1,5
- Sensor Length : 25, 50, 75, 100, 160, 200, 300, 400, 500 mm
- Sensor Diameter : 3, 6, 8 mm
- Supply : 10-30 VDC
- Output : 4-20mA, 0-10 VDC, PT100, PT1000



TES11 / TEP11

Resistance Thermometer

- Sensor : PT100 Class B, PT100 Class A
- Material : Stainless Steel
- Measurement Range : -200 ... +600 °C
- Connection : G 1/4", G 3/8", G 1/2", G 3/4", 1/2"NPT, 1/4"NPT, M14x1,5
- Sensor Diameter : 3, 6, 9, 11, 14 mm
- Output : PT 100, 4-20 mA



RT

Thermocouple

- Sensor : K, J, S, L Type
- Material : Stainless Steel
- Measurement Range : -200 ... +1200 °C
- Connection : Immersible, G 1/4", G 3/8", G 1/2", G 3/4", 1/2"NPT, 1/4"NPT, M14x1,5
- Sensor Diameter : 6, 9, 11, 14 mm
- Output : Ohm, 4-20 mA



TC

Digital Control Instruments

Input : T/C, R/T, mA, mV, 0-10V
Output : (0)4-20mA, relay, SSR
Indicator : 2x4 digit LED
Supply : 85-265 VAC, 85-375 VDC,
 20-60 VAC, 20-85 VDC
Size : 48x48, 72x72, 96x96,
 48x96, 96x48
Communication : RS485



Digital Control Instruments

Input : T/C, R/T, mA
Output : Röle, SSR
Indicator : 1x4 digit LED
Supply : 220 VAC, 24 VAC
Size : 48x48, 72x72, 96x96



Universal Control Instruments

Input : T/C, R/T, mA
Output : 4-20mA, relay, SSR
Indicator : 2x4 digit LED
Supply : 85-265 VAC, 85-375 VDC,
 20-60 VAC, 20-85 VDC
Size : 96x96,
Communication : RS485







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all over the world ...

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INDONESIA
IRAQ
IRAN
ISRAEL
KAZAKHSTAN
KUWAIT
MALAYSIA
OMAN
PAKISTAN
SAUDI ARABIA
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Pneumatic Actuators



Angle - Seated Piston Valves



Limit Switch Boxes



Pneumatic Actuated Valves



Electric Actuated Valves



Flow Measuring Instruments



Pressure Measuring Instruments



Level Measuring Instruments



Temperature Measuring Instruments



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