



fluidfluid under control



PRODUCT SUMMARY
Control Valves & Accessories
Measurement Control & Automation

Pneumatic Angle Seat Piston Valves

Type	: Pneumatic Angle Seat Piston Valve, On-off or proportional control
Size	: 1/2" ... 2" G screwed, flanged, welding connection (on request NPT screwed)
Position	: Normally Closed (N.C.), Normally Open (N.O.)
Working Temperature	: -10/+180 °C
Max. Working Pressure	: 16 bar, vacuum lines
Body, Actuator Material	: Stainless Steel, AISI 316
Leakproofing Material	: Standard PTFE (optionally VITON or EPDM)
Recommended Air Pressure	: 6 bar
Air Supply Connection	: 1/4" G screwed
Application	: Water, Air, Steam, Gas, Chemical Material, Petroleum Products, Nutrient, Vacuum, etc.



Rotary Pneumatic Actuators / Single Acting - Double Acting - Three Positioned

Body Material	: Extruded Aluminum, Surface Hardened Aluminium Coated, Impregnated, epoxy Painted
Output Torque Values	: DA Series: Double Acting 9 Nm ... 5162 Nm; SR Series: Single Acting 5 Nm 1950 Nm 3P Series: 18 Nm 330 Nm
Shaft	: Steel (Nickel Coated), Stainless Steel
Sealing Material	: NBR (on request VITON)
Working Temperatures	: -20 °C ... 80 °C / -50 °C ... 80 °C
Bearing Material	: Industrial Hardened Plastic
Control	: On-off or Proportional Control Actuator/Valve Connection Standard ... ISO 5211 Solenoid Valve Connection Standard (3/2 or 5/2): ... NAMUR Positioner and Limit Switch Box Connection Standard ... NAMUR
Air Supplies	: 4 - 8 Bar
Protection Class	: On request; ATEX (Protection Class: II 2GD c T4)
Application	: Ball and Butterfly Valves, Dampers on-off or Proportional Control



RA...DA / RA...SR



RSY...DA



RA 40.3P (90°)
RA 40.8P (180°)



RA 40.2D (120°)
RA 40.8D (180°)



Pneumatic Actuated Ball and Butterfly Valves

Series	: PAV 900 Pneumatic Ball Valves PAV 800 Pneumatic Butterfly Valves
Ball Valve Connection	: Flanged, Screwed, Welded
Way	: 2 Way Ball Valves - 3 Way Ball Valves
Valve Body Material	: Stainless Steel, Brass, Cast Iron, PVC, Carbon Steel
Dimension of Ball Valve	: 1/2" ... 8" (DN 15 ... DN 200)
Ball Valve Working Pressure	: PN 16, 25, 40 bar
Butterfly Valve Connection	: Wafer Type, Lug Type, Flanged Type
Dimension of Butterfly Valve	: DN 25 ... DN 600 (Wafer Type, lug Type)
Butterfly Valve Working Press.	: PN 6 ... PN 16
Control	: On-Off or Proportional
Actuator Type	: Double Acting, Single Acting Type, Three Positioned, 180° Rotational



Limit Switch Box and Electro-Pneumatic Positioner

Limit Switch Box LS... Series :

1) Mechanical 2) Proximity 3) Ex-Proof Proximity Limit Switch Box

Application : Rotary Type Pneumatic Actuator, (Double and Single Acting) Butterfly, Plug, Ball Valve's position monitoring and receiving an electrical signal.
(Switch Output or analog Output)

Connection : NAMUR

Protection Class : IP67 - (Ex d IIC T6, Ex ia IIC T6 Optional)

TORK-EPR Positioner

Rotary Type Electro-Pneumatic, Smart Types & Ex-proof Types Positioners

Inlet : 4 - 20 mA, 0,21 - 1 bar (3-15 psi)

Air Pressure : 6 bar

Application : Rotary pneumatic actuators with proportional control rotary and actuated valves

Note : Linear Positioners also exist in our product range.



SSL
Smart Linear Positioner



LS10



LS70



TORK-EPR



LS80

Namur Solenoid Valve, Valve Interlocks and Hand Control Unit

Namur Solenoid Valve NM Series (for on-off working Pneumatic Actuators)

1/4" - 5/2 one or two coiled Namur Type solenoid Valve

1/4" - 3/2 one coiled Namur Type solenoid Valve

Coil Voltage : 220 V, 110 V, 24 V, 12 V, AC/DC, (IP 65 and Ex-proof)

TORK-MOR Series Manual Override

Torque Rotational Moment : 100 Nm, 450 Nm, 750 Nm, 1500 Nm, 3500 Nm, 5000 Nm, 7500 Nm

Application : It is used for controlling the valve by hand especially in rotary type pneumatic actuated ball and butterfly valve applications.

QL Valve Interlocks

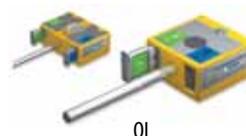
QL valve interlocks suit all types of lever operated quarter turn valves, including ball, butterfly, and plug valves.



TORK-NM



TORK-NM
(Exproof)



QL



TORK-MOR

Proportional Control Valves

Type : TORK-LV and TORK-LEA Series (Proportional Control)
Diaphragm Pneumatic Actuated Glob Valves
Electric Actuated Glob Valves

Size : DN15 ...DN150 flanged

Working Temperature : -10/+85 °C

Max. Working Pressure : 6 bar, vacuum lines

Body, Actuator Material : Stainless Steel (on request Sfero Coated or Carbon Steel)

Leakproofing Material : Standard PTFE (optionally VITON or EPDM)

Recommended Air Pressure : 6 bar

Application : Water, Air, Steam, Gas, Chemical Material, Petroleum Products, Nutrient, Vacuum, etc.



Electric Actuators

Electric Actuator

Series	: REA Rotary Type Electric Actuator EAV 800 Electric Actuated Butterfly Valves (DN 40 ... DN 800) EAV 900 Electric Actuated Ball Valves (DN 15 DN 250)
Application	: Ball Valves, Butterfly Valves, Dampers
Torque Rotational Moment	: It changes between 60 Nm and 3000 Nm (12 different options)
Motor Power	: 220 V AC, 24 V AC/DC 1Ph, 380° C V AC 3Ph. 50/60 Hz ± 10%
Temperature	: -20° C - 70 °C
Flanged Connection	: ISO 5211 or DIN 3337 Standard
Control	: On-off or Proportional Control
Accessories	: Proportional Card, limit switch can be added, 4-20 mA Output Smart Type Electric Actuators, Spring Return Actuators.
Protection Class	: Weather proof - IP67, IP68 Optional Explosion Proof - Exd IIB T4 (Atex)



Electric Actuated Valves / Mini Motorized Ball Valve

Series	: EAV 900 Electric Ball Valve / EAV 800 Electric Butterfly Valve
Way	: 2 Way Ball Valves - 3 Way Ball Valves
Valve Body Material	: Stainless Steel, Brass, Cast Iron, PVC, Carbon Steel
Dimension of Ball Valve	: Ball: 1/2" ... 8" (DN 16 ... DN 200) Butterfly: DN 25 ... DN 600 (Wafer Type, lug Type)
Valve Working Pressure	: Ball: PN 16, 25, 40 bar Butterfly: PN 6 ... PN 16
Valve Connection	: Ball: Flanged, Screwed, Welded Butterfly: Wafer Type, lug Type, flanged Type
Control	: On-off or Proportional (4-20 mA input/output)

S91 Series Mini Motorized Ball Valve

Dimension	: 1/2"...1"
Supply	: 12V AC/DC , 24V AC/DC , 220V AC
Way	: 3/2 - 2/2 way
Body	: Brass or Stainless Steel Ball Valve



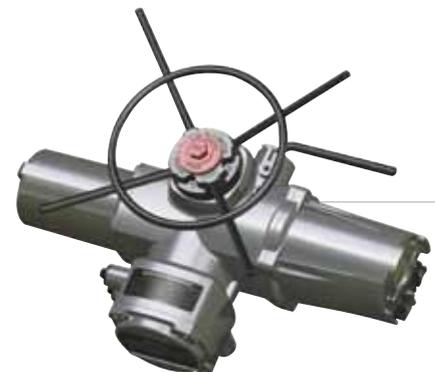
S91



Multi-Turn Electric Actuators

Series	: HM
Torque Rotational Moment	: 14 - 3000 Nm When combined with gear box up to 43.000Nm or 500.000Nm
Application	: Automation of gate and globe valves, as well as other multi-turn applications like sluices and weirs with large stem diameters
Protection Class	: Weatherproof IP67 , optional IP68 (10m/72Hr) and Explosion Proof Enclosure Exd II B T4(-20° C~60° C)

- Digital LCD window & smart design, handwheel for manual operating. Optionally 0~10V DC , 4~20mA input /output proportional control (PCU) , current position transmitter output 4-20mA DC (CPT)
- MODBUS and PROFIBUS modules



Pinch Valves / Hygienic Valves & Actuators

Series : TORK-PF Series Pinch Valves
Size : DN40 ...DN500 Flanged, DN15...DN50 Screwed
Max. Working Pressure : 2- 6 bar
Body Material : Aluminium Coated, Stainless Steel, Steel
Off Tire : Abrasion Resistant Natural Rubber, Suitable Natural Rubber for Food, Suitable Natural Rubber for High Temperature, Nitrile Rubber, EPDM, Silicon
Application : Pneumatic Conveyor Systems, Cement Industry, Pigment / Granular Processing Systems, Ceramic / Glass / Plastic Industry, Waste Water Treatment Systems, Drug/ Nutrient Industry, Wine Industry, Vacuum Toilet Systems, Dosing and Weighing Systems, Vacuum Conveyor Systems



TORK-PF

Series : PAV 914 Stainless Steel Actuated Valve / HRA Stainless Steel Actuators
Size : DN 25 - DN 150
Working Pressure : -1 :10 Bar
Materials : AISI 316L Stainless Steel Body , Seat EPDM (on Request Viton , Silicon)
Application : Food , Chemical and Sanitary Sectors



HRA

PAV814

Cryogenic Applications

S9610 Series Solenoid Valves

Size : 1/4" 1"
Fluid Temperature : -196 °C +90 °C
Body : Brass, Stainless
Leakproofing : PTFE
Applications : Liquid Nitrogen, Oxygen, LNG as used in the control of fluid.



S9610

Other Cryogenic Applications



Natural Gas Products

S8011, S8086 Series Solenoid Valves (for Natural Gas)

Size : 1/2" ... 2"; 220 V AC 50 Hz, 12 V DC
Working Pressure : (0 ... 500mbar) (0 ... 6 bar)
Position : Normally Closed / Normally Open

GR20, GR30 Series Regulators / GR60 Series Shut Off Regulator (Natural Gas, LPG, Metan, Propan etc.)

Inlet Pressure : Max 500 mbar (GR20 Series), Max 1bar (GR30 & GR60 Series)
Output Pressure : 8-14 / 14-25 / 25-68 / 68-120 / 120-180 / 320-450 mbar

FDV Series Mechanical Earthquake Valve: The valve provides the required shut-off when it is subjected to seismic vibration which is set according to the standad given accelaration value conditions.

TORK-GA 10 Series Gas Alarm Device: It senses gas leakage and gives alarm. It turns off the valve and also gas supply line automatically.

TORK-GA 21 Series Ex-Proof Gas Alarm Device : It senses gas leakage and gives alarm. It turns off the valve and also gas supply line automatically. Protection Class: II G Ex d IIB T6 IP65



GR60



GA10

GA21

FDV

Pulse Solenoid Valves

PL Series (for dust filters with bag and bunkers)

- Size** : 3/4", 1", 1 1/2" ... 3"
- Body** : Aluminium injection
- Diaphragm** : Neoprene
- Connection** : Threaded, Coupling, Flanged
- Working Press.** : 0.5 - 8 bar
- Working Temperature** : -20°C ... 80°C
- Coil Voltage** : 220 V, 110 V, 24 V, 12 V, AC/DC,
- Protection Class** : IP 65 and IP68 coil.
- Time Relay** : It is used for controlling PL Series solenoid valves.
On-off time and outlet quantity must be declared before.



Time relay for pulse valve control



General Purpose Solenoid Valves / PTFE Coated Solenoid Valve & IP68 Coil

S10 Series (for Air, Water, Gas)

- Size** : 1/8" ... 3"
- Working Press.** : 0-16 / 0.5-16 / 0.5-40 bar / 2 - 70 bar
- Working Temperature** : -10°C ... 130°C
- Connection** : BSP threaded (NPT on request), Flanged (DN 80 ... DN 200)
- Position** : Normally Closed (N.C.) / Normally Open (N.O)
- Coil Voltage** : 220 V, 110V, 24 V, 12V, AC/DC,
- Protection Class** : IP 65, IP 68, Ex-proof coil.



SW1010 Series (PTFE Coated Solenoid Valve & IP68 Coil Under Water & Aggressive Environments)

PTFE Coated solenoid valve and C42 series IP68 Coils can be used in an environment with high humidity, rain and in places open to external influences such as water, 10 meters under water, in a dusty or acidic environment.

All our range of solenoid valves can be produced as capable of operating under aggressive environment and water.



Steam Solenoid Valves

S20 Series (for Hot Water and Steam)

- Size** : 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
- Working Press.** : 0-6 bar / 0.5 - 6 bar
- Working Temperature** : 160°C
- Connection** : BSP threaded (NPT on request),
- Position** : Normally Closed (N.C.) / Normally Open (N.O)
- Coil Voltage** : 220 V, 110 V, 24 V, 12 V, AC/DC
- Protection Class** : IP 65, IP 68, Ex-proof coil.



Vacuum Solenoid Valves

S30 Series (for Air, Water, Gas -10...90 °C)

- Size** : 1/8", 1/4", 3/8", 1/2", 3/4", 1"
Working Press. : (-1, 0, 1, 2, 3) bar and Vacuum
Working Temperature : -10 °C ... 130 °C
Connection : BSP threaded (NPT on request),
Position : Normally Closed (N.C.)
Coil Voltage : 220 V, 110V, 24 V, 12 V AC/DC,
Protection Class : IP 65, IP 68, Ex-proof



Fuel Oil Solenoid Valves

S40 Series (for Fuel Oil, Gas, Burner, Diesel Oil and Hydraulic Oil) 7 °E

- Size** : 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
Working Pressure : 0-30 bar / 0.5 - 16 bar
Working Temperature : -10 °C ... 160 °C
Connection : BSP threaded (NPT on request),
Position : Normally Closed (N.C.) / Normally Open (N.O)
Coil Voltage : 220 V, 110 V, 24 V, 12 V, AC/DC
Protection Class : IP 65 and Ex-proof



- S7130 Series** : For Filing Fuel Oil; Two Staged Solenoid Valve

Compressor Solenoid Valves

S50 Series (for compressor air with high pressure)

- Size** : 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
Working Pressure : 0 ... 16 bar, 0 ... 40 bar
Working Temperature : -10 °C ... 160 °C
Connection : BSP threaded (NPT on request),
Position : Normally Closed (N.C.) / Normally Open (N.O)
Coil Voltage : 220 V, 110 V, 24 V, 12 V, AC/DC
Protection Class : IP 65, IP 68, Ex-proof coil.



Stainless Steel Solenoid Valves / Pinch Solenoid Valves

S60 Series

Size	: 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
Coil Voltage	: 220 V, 110 V, 24 V, 12 V, AC/DC
Body	: AISI 316
Working Pressure	: 0 ... 100 bar
Position	: Normally Closed (N.C.), Normally Open (N.O.)
Application	: Corrosive Fluid, Water, Oil, Acid etc.
Protection Class	: IP 65, IP 68, Ex-proof coil.

S85 Series Pinch Solenoid Valves

Size	: 5-9 mm rubber hose (50 shore A)
Coil Voltage	: 220 V, 110 V, 24 V, 12 V, AC/DC
Body	: Aluminum anodized
Position	: Normally Closed (N.C.), Normally Open (N.O.)
Application	: Corrosive Fluid, Water, Oil, Acid etc.



Latching Solenoid Valves

S83 Series

Size	: 1/8", 1/4", 3/8", 1/2", 3/4", 1"
Coil Voltage	: 220 V, 110 V, 24 V, 12 V, AC/DC
Body	: Brass
Working Pressure	: Various Pressure Values Between 0 ... 100 bar
Application	: Corrosive Fluid, Water, Oil, Acid etc.

- Each time that the coils energized, the valve changes its position (from NC to NO)
- To change the position, you need to re-energize the coil for short time
- The coil cannot withstand continuous energy



Fuel Oil Pump and Irrigation Solenoid Valves

S80 Series (Fuel Oil Pump Solenoid Valve)

Size	: 3/4", 1"
Coil Voltage	: 220 V, 110 V, 24 V, 12 V, AC/DC
Body	: Aluminium
Working Pressure	: 0,5 ... 10 bar
Application	: For Filling Fuel Oil; Two Staged Solenoid Valve

S89 Series (Irrigation Solenoid Valve)

Size	: 3/8" ... 3"
Coil Voltage	: 220 V, 110 V, 24 V, 12 V, AC/DC
Body	: PVC
Working Pressure	: 0,5 ... 10 bar
Application	: For Automatic Irrigation Systems



Cooling Solenoid Valves

S61 / S62 Series

- Size** : 1/4", 3/8", 1/2", 5/8", 7/8" SAE, ODF
- Body** : Brass (Core Tube: Stainless Steel)
- Working Temperature** : -30...105 °C
- Working Pressure** : 0 bar 35 bar, 0,5 bar ... 21 bar
- Position** : Normally Closed (N.C.)
- Coil Voltage** : 230 V, 110V, 48 V, 24 V, 12 V, AC/DC
110 V, 48 V, 24 V, 12 V DC
- Protection Class** : IP 65
- Application** : Cooling Systems, Refrigerators, Freezers Gas



Exproof Solenoid Valves

S70 / S73 Series

- Size** : 1/8" ... 2" BSP (On request NPT)
- Body** : Brass (Core Tube: Stainless Steel)
- Working Temperature** : -10...80 °C
- Working Press.** : 0 bar 100 bar
- Position** : Normally Closed (N.C.), Normally Open (N.O.)
- Coil Voltage** : 230 V, 110V, 48 V, 24 V, 12 V, AC/DC
110 V, 48 V, 24 V, 12 V DC
- Protection Class** : II 2G Ex mb IIC T4 Gb
- Application** : Air, Water, Gas etc. fluids



Coils and Sockets

- Coils** : C40, C41, C42, C48 Series
- Coil Voltage** : 220 V, 110V, 24 V, 12 V, AC/DC,
IP 65 and IP 68 Protection Class and Ex-proof Coil.

- Freewheeling Diode Coils:** C44, C45 Series
Freewheeling diode coils are design to prevent electronic cards from reverse voltages inducted in coils when energy shutdown.

- Connectors** : C81, C82 Series Standart
C81, C86 Series Led
PWM Energy Saving Connector



Connectors

C44, C45
Diode Coils

Flowmeters with Float and Glass Tube Float

Body : Trogamit or polisulphone, Glass tube

Measurement Range : 0.1 lt/h ... 60 m3/hours

Indicator : It indicates instant flow

Switch Output : Switch output or 4-20 mA

Fluid Types : Water, Air, Alkalis, Gases



Flowmeter Mechanical Indicator

Body : Stainless Steel, AISI 316

Measurement Range : 0.1 l/h ... 1000 m³/hour

Connection : DN 15 ... DN150 (1/4"-1/2", 3/4")

Output : Instant Flow, Analog Signal Output 4-20 mA
Switch Output, Totalizer.

Fluid Types : Water, Air, Gaslar



Electro - Magnetic Flowmeters / Ultrasonic Flowmeters

Body : PP, PTFE, PVDF, Hard rubber covered

Measurement Range : 5-200 Lt/hour ... 150-7000 m3/hour

Connection : DN3 ... DN500 Wafer, Flanged, Screwed,
Clamp Type

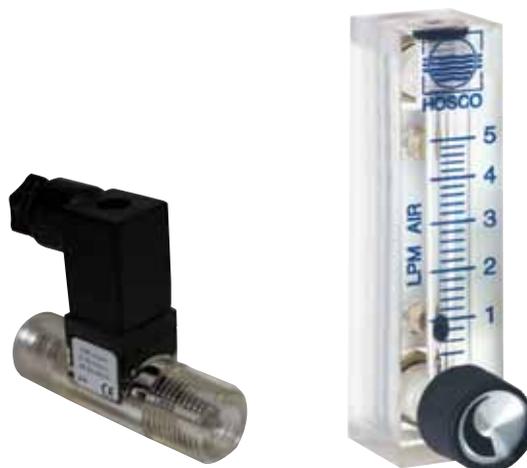
Output : Instant Flow Rate, Total Flow Rate, 4-20 mA or
Pulse Output

Fluid Types : Conductor Liquid Types (viscosity and
independent from concentration)



Screwed Flowmeters with Turbine / Variable area Flowmeters

- Body** : Brass, Stainless Steel, PPS, PVDF, Acrylics
- Measurement Range** : 0.02 lt/min. ... 150 lt/min.
- Digital Indicator** : Instant Flow and Optional Switch Output + Digital Indicator 4-20 mA Output
- Fluid Types** : Water, Air, Oil, Alkalis, Fluid with High Viscosity, High Pressure (PN 300 max.)



Flowswitches / Flow Adjustable Flowswitches

Paddle Type, Piston Type Flowswitch

- Body** : Brass, Stainless Steel or Plastic
- Measurement Range** : (1/8" ... 1") or DN15 ... DN200
- Temperature** : max. 125 °C, 350 °C (on request)
- Switch** : Reed switch, one switch two ways or type with indicator.
Ex-proof models
- Mounting** : Mounting opportunities
- Application** : Fluid Types, Air, Water, Oil, Asit etc.



Level Switch with Float

- Body** : Brass, PP, Stainless Steel
- Switch** : Normally Open (N.O.)
Normally Closed (N.C.)
- Connection** : 1/2", 3/4", 1"
- Temperature** : -25 ... 105 °C, 180 °C, 300 °C
- Ex-proof models exist.**
- Application** : Liquid, Burnable, Explosive Atmosphere (Ex-proof atmosphere)



Level Switch with Rotary Paddle / Level Switch with Diaphragm / Level Switch for Solid and Vibrating System

- Body** : Plastic, Aluminium, Stainless Steel
- Switch** : Normally Open (N.O.)
Normally Closed (N.C.)
- Connection** : 1/2", 3/4", 1"
- Temperature** : -20 ... 80 °C, 115 °C
- Application** : Fluid with Particles; (Wheat, Rice, Cement, Ceramic, Coal)
Liquids; (LD60, LD 61 Types)



Level Switch with Float

- Body** : PVC, Stainless Steel, PTFE
- Measurement Range** : 0.5 ... 96 meters and insertion types to 250 mt.
- Connection** : Screwed, Flanged
- Pressure** : PN 16 (Optional 320 bar)
- Output** : Switch and signal 4-20 mA
- Ex-proof models exist.**
- Application** : Liquids, Ex-proof Atmospheres, Storage, Deep Wells.



Ultrasonic Level Switch / Level Measurement with Smart Transmitter

- Type** : PVC, Stainless Steel, PTFE
- Measurement Range** : 1.5 ... 6 meters
- Sensitivity** : 3%
- Temperature** : 0 ... 60 °C
- Output** : 4-20 mA max. Switch and instant level monitoring
- Supply** : 24 V DC / 220 V AC
- Application** : Solid, Liquid, Chemical Fluid Type, Cabled level switches are used in liquid and fluid which contains solid particles in it.
Special hygienic model exists for ex-proof atmosphere and potable water types.



Manometers / Screwed Connection

- Type** : BURDON tubed, Plastic Body, Stainless Steel, panel Mounting Type, etc.
- Measurement Range** : 0 ... 60 mbar, 1 bar ... 10.000 bar
- Indicator Diameter** : Ø 63, Ø160 mm outlet from upside and downside.
- Switch** : Indicator one switch, two switches
- Sensitivity** : 1%, 1.6%
- Application** : Air, Water, Medical Devices, Compressor, Petrochemistry, Purifying, Burner, Vacuum, Exhaust Gas, Hydraulic Systems, Beverage Various Fluid Types, Steam, etc.



Manometer with Diaphragm / Test Manometers

- Body** : Stainless Steel
- Switch** : Indicator One Switch, Two Switch
- Diaphragm** : Teflon, Stainless Steel, Variable Applications
- Measurement Range** : 0 ... 25 mbar ... 400 bar, 1600 bar
- Indicator Diameter** : Ø100, Ø160 mm
- Sensitivity** : 1.6%, 2.5%
- Application** : Biochemistry, Nutrient, Filling Stations, Petrochemistry, Beverage, Water, etc.



Manometer with Differential Pressure / Pressure Switch (Mechanical and Electrical Type)

- Type** : With Burdon Tube or Diaphragm
- Switch Output** : Analog and digital indicator
- Sensitivity** : 1%
- Measurement Range** : 0 ... 400 mbar ... 25 bar .. 100 bar
- Pressure Switch**
- Body** : Brass, Stainless Steel, Steel
- Measurement Range** : -1 ... 10 bar / 5 ... 70 bar / 50 ... 400 bar
- Application** : Chemistry, Oil Refinery, Pneumatic, Hydraulic Lines, Vacuum (Various Pressure Measurement).



Pressure Transmitters / Smart Type Transmitter / Differential Pressure Switches

Pressure Transmitters

Switch Output : 4-20 mA (On request mV Output)

Measurement Range : Vacuum, between 0 ... 8000 bar based on your choice.

Ex-proof modells exist.

Differential Pressure Switches

Body : Brass, Stainless Steel, Steel

Measurement Range : -1 ... 10 bar / 50 ... 400 mbar, 0-200mbar etc.

Application : Purifying, Filter, Washing Machine, Nutrient, Car Wash etc.



Vacuum Switch / Pressure Switch / Low Pressure Switches / Load Cells

Measurement Range : -50mbar ... 0 bar, 5 ... 200 mbar
200 ... 1000 mbar, 0 ... 4, 110, 15 bar

Switch Output : One Contact Two Ways / Two Contacts Two Ways

Adjustment : Stable / Manuel controlled

Application : Purifying, Filter, Washing Machine, Nutrient, Car Wash etc.

Load Cell : For measuring weight, tension and pressure force.
There are too many types of usage areas.



Thermocouples and Temperature Measurement Control Panels

TKhermocouple and PT100 sensors are used for sensing temperature. PT 100, Fe-const, NiCr-Ni, PtRd Pt measurements (-250 °C 1600 °C) are suitable for these devices. It is chosen according to the process.

Control Panels : Instant indicator, switch output, two-switches output, analog output (4-20 mA) types exist. It is chosen according to the process.

Smart Transmitters: For sensitive measurement of temperature, level, pressure.



Remote Thermometers / Bi-metal Thermometers / Humidity Control Hygrostats

- Outlet** : From downside and upside
- Measurement Range** : -200 °C ... +700 °C
It is chosen according to the process
It indicates instant temperature.
- Humidity Control Device** : It is for measuring rook and canal humidity.
It supplies switch output.
- Tmax** : max 100 °C
- Measurement Range** : 95% humidity



Electro Pneumatic I/P Converters - E/P Converters

- Type** : Bellofram TORK-1000
- Sensitivity** : 0.1%
- Voltage Supply** : 24 V DC, AC
- Signal Input** : 4-20 mA, 0.5V, 0-10V, 0-15V
- Pneumatic Outlet** : 3 - 15 psi
- Air Supply** : max. 7 bar



Sensitive, Air Regulated Process Control Regulators (for Air and Gas)

- Type** : GR90/GR91/GR92 Series
- Sensitivity** : 0.5%
- Connection** : 1/8", 1/4", 1/2" BSP, NPT
- Flow Rate Capacity** : 400 - 1150 lt/min
- Pressure** : 27 bar / 280 bar
- Regulatable Pressure** : 0 - 8.5 bar
- Application** : • For regulating process air pressure.
• It is used in LPG and natural gas applications.



Air Filter + Regulators (for Pneumatic Systems) FR

For regulating air pressure in pneumatic systems and filtering dust particles located in air.

- Filter Capacity** : 5 mm
- Body** : Aluminium
- Connection** : 1/4"
- Max. Temperature** : 70 °C
- Manometer Connection** : 1/8"
- Outlet Pressure** : 0 8 bar
- Inlet Pressure** : 15 bar





all over the world

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SMS Sanayi Malzemeleri Üretim ve Satış A.Ş.

H. Office: Y. Dudullu, Bostancı Yolu Kuru Sk. No:16, 34776 Ümraniye - İstanbul - Turkey Phone : +90 216 364 34 05 (pbx) Fax : +90 216 364 37 57

Plant: İMES O.S.B., 5. Cad. No:6 Çerkeşli OSB Mahallesi - Dilovası Kocaeli - Turkey Phone : +90 262 290 20 20 Fax : +90 262 290 20 21

export@sms-tork.com.tr www.smstork.com