

# Automation for Piping Systems

Flow, Analytical & Level Instruments  
Actuated Valves & Accessories  
Process Control Valves

AUTOMATION FOR PIPING SYSTEMS

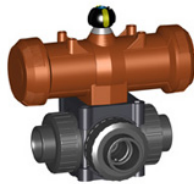
## ACTUATED VALVES

### Ball Valves

Features such as the patented reverse-threaded ball retaining bush and fully replaceable seals are just an example of the added value engineered into every ball valve. The true union design allows for almost any possible end connection and parts are interchangeable between models.



3-Way Horizontal Ball Valves with electric actuator EA21



3-Way Horizontal Ball Valves with pneumatic actuator



Pneumatically Actuated Ball Valve



Electrically Actuated Ball Valve

### Diaphragm Valves

The George Fischer DIASTAR series of Pneumatically Actuated Diaphragm Valves offer safe and reliable service for most facets of industry. The valve body is from the T314, T315 and T317 Manual Valves. All DIASTAR actuators include an integral position indicator. Diaphragms are available in EPDM, FPM, CSM, NBR, Silicone, Butyl and PTFE.



DIASTAR Pneumatic Diaphragm Valves

### Butterfly Valves

Standard Electric and Pneumatic Actuators are added to manual Butterfly Valves. Seals are available in EPDM or FPM.

#### Plastic Solenoid Valves

- UPVC, PTFE or PVDF body with EPDM, FPM, NBR or Kalrez® seals.
- DN4 to DN50, BSSP and union ends.
- 2/2 way and 3/2 way Functions.
- Servco Assisted above DN20.
- IP65 Protection.



Solenoid Valves

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## PROCESS CONTROL VALVES

The comprehensive range of safety and control valves and equipment are ideal for use in the Chemical and Process Industries where a high degree of reliability and quality are required. All parts in contact with the process fluid are made from chemically resistant plastics. All metal components are protected from contact with the process fluid by diaphragms. All valves are available in other materials e.g. PTFE, CPVC or Stainless Steel.

### Pressure Reducing Valve

- DN10 to DN100.
- Available in UPVC, PP & PVDF.
- Setting range 0.5 to 10BAR. 0.5 to 6BAR (DN65 & DN80), 0.5 to 4BAR (DN100).



### Pressure Retaining Valve

- DN40 to DN50.
- Available in UPVC, PP & PVDF.
- Servo- Assisted design for operation to 10BAR.
- Also a pressure relief valve.



### Variable Area Flow Meters

Variable Area Flow Meters are simple and effective means of measuring flow. We offer exceptional chemical resistance with all wetted parts made of plastic. End Connections are standard +GF+ unions for installation into all plastic and metal pipes. Flow meters are supplied with scales in litres/hour of water at 20°C. Custom scales for other measurement units such as m<sup>3</sup>/hr or GPM and processes such as Air, Hydrochloric Acid and Caustic Soda Solution. Accessories include limit switches for High & Low flow alarm outputs and 4-20mA analogue transmitter for connection to remote indicators PLC's etc. Flow rates from 2.5 to 30,000 litres/hour and sizes DN10 to DN65.

### PVC-U

- DN25 to DN65 range covering 136 to 16,364 litres/hour of water.
- Clear PVC-U flow tube, PVDF float, FPM or EPDM o-rings.
- PVC-U sockets as standard or BSP.



### Limit switches are available for Standard and Short version

- DN25 to DN65 range covering 50 to 30,000 litres/hour of water.
- 4-20mA Sensor for units SK10 through to SK41