

SOLENOID VALVES

Externally controlled valves
GSR Ventiltechnik



DESCRIPTION

(Externally) Pressure controlled valves are suitable for the control of gaseous, highly viscous, polluted and aggressive media. The actuator is separated from the medium. Neutral or liquid medium of 4-10 bar is necessary for the actuation. The pilot valve is available in standard supply voltages and can be delivered, by request. With compressed air being widely available, this type of valve control is preferable for problematic media. On average, only 0.4 liter of air are consumed for each switching. A return line for the control medium air is not necessary because the air will be returned into the atmosphere during the switching periods.

APPLICATION FIELDS

- » Filling systems
- » Brewing equipment
- » Chemical systems
- » Mixing systems
- » Concrete and cement industry
- » Vacuum equipment
- » Water treatment
- » Pneumatics

MATERIALS

Body with screw socket:

- » Brass
- » Stainless steel

Body with flanged connection:

- » Cast iron EN-GJL-250
- » Cast steel GP240 GH
- » Stainless steel
- » Spheroidal graphite EN-GJS-400-18-LT

MEDIUM TEMPERATURE

-40°C - +200°C

PRODUCT RANGE

	Type	Design	Connection		Pressure range	Body material
			Thread	Flange		
	63 straight seat	2/2-way valve with poppet seal	G ^{1/4} -G ^{1/2} 6-13 mm	-	0-16 bar	Brass 2.0401 Stainless steel 1.4571 / 1.4581
	63	2/2-way valve with poppet seal	G ^{1/2} -G3 12-76 mm	-	0-40 bar	Brass 2.0401 Red brass RG5 Stainless steel 1.4408
	63 FL	2/2-way valve with poppet seal	-	DN15-50	0-40 bar	Stainless steel 1.4408
	63-2R	2/2-way valve with poppet seal	G ^{1/2} -G2 12-45 mm	DN15-50	0-40 bar	Red brass RG5 Stainless steel 1.4408
	22*	3/2-way valve with poppet seal	-	DN15-50	0-40 bar	Spheroidal graphite EN-GJS-400-19-LT Cast iron EN-GJL-250 Cast steel GP240 GH Stainless steel 1.4408
	78	3/2-way valve with poppet seal	G ^{1/2} -G2	-	0-40 bar	Red brass RG5 Stainless steel 1.4571 / 1.4581
	79	3/2-way valve with poppet seal	-	DN15-50	0-5 bar	Spheroidal graphite EN-GJS-400-19-LT Cast iron EN-GJL-250 Cast steel GP240 GH