

SOLENOID VALVES

Direct acting solenoid valves
GSR Ventiltechnik



DESCRIPTION

Direct acting valves switch the sealing element directly via the magnetic system. In this case the seal usually needs to be lifted against the effective operating pressure from the seat simply by the actuator. A closing spring keeps the valve closed, supported by the medium pressure. The function depends on the size of the seat, the effective operating pressure and magnetic force.

APPLICATION FIELDS

- » Low pressure gas supply for industrial and domestic applications in accordance with DIN-EN 161
- » Venting of gas and tank systems
- » Safety shut off for burner control systems
- » Pneumatics, types 52 and 72
- » Vacuum technology

MATERIALS

Body with screw socket:

- » Brass
- » Stainless steel

Body with flanged connection:

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

Sealing

- » PTFE

MEDIUM TEMPERATURE

-40°C - +80°C

PRODUCT RANGE

	Model	Design	Connection		Pressure range	Body material
			Thread	Flanges		
	52	2/2-way valve with piston seal	G ^{1/8} -G ^{1/2} 1-6 mm	-	0-90 bar	Brass 2.0401 Stainless steel 1.4305 / 1.4571
	72	2/2-way valve with piston seal	G ^{1/4} -G ^{1/2} 1-3 mm	-	0-50 bar	Brass 2.0401 Stainless steel 1.4305 / 1.4571
	75	2/2-way valve with piston seal	G ^{1/4} 1-5 mm	-	0-40 bar	Brass 2.0401 Stainless steel 1.4571
	73	2/2-way valve with piston seal	G ^{1/4} -G2 8-75	-	0-20 bar	Brass 2.0401 Stainless steel 1.4571
	48	2/2-way valve with poppet seal	G ^{3/8} -G3 8-75	DN15-50	0-5 bar	Brass 2.0401 Stainless steel 1.4408
	23	2/2-way valve with poppet seal	-	DN15-100	0-1 bar	Cast iron EN-GJL-250