



Technical Data Sheet Type 72



3/2-way solenoid valve
 NC - Valve normally closed (as standard)
 NO - Valve normally open (as option)

Direct operated piston design valve. No differential pressure is necessary for operation. When energized, the valve seat is opened directly. In standard (NC) the valve closes with spring power.

■ Solenoid valve for gaseous and liquid media

Type 72

TECHNICAL SPECIFICATIONS

Type of control	Direct operated, no pressure difference necessary
Design	Piston design
Connection	Threaded G1/8 - G1/2 DIN ISO 228/1 (BSP) Further connections like NPT on request
Installation	Preferable with actuator upright
Pressure	0 - 90 bar (see table on page 2)
Medium	Clean, neutral, gaseous and liquid media
Viscosity	22 mm ² /s
Temperature range	Medium: -10 °C up to +80 °C Ambient: -10 °C up to +50 °C In consideration of the restrictions described on page 4
Body material	Brass 2.0401 / 2.0402 Stainless steel 1.4305 Stainless steel 1.4571
Metallic inner parts	Messing und Edelstahl
Sealing	FKM, EPDM, PTFE
Supply voltage	AC~ 24V, 110V, 230V DC= 12V, 24V Other supply voltages on request
Voltage tolerance	-10% / +10%
Power consumption	.182 = 6,8 Watt .178 = 5,2 Watt ⚡ .032 = 11 Watt .148 = 10 Watt ⚡ .012 = 18,5 Watt
Protection class	IP65 acc. to DIN 60529
Duty factor	100% ED-VDE 0580
Connection type	Plug
Ex-proof	acc. to 2014/34/EG(ATEX) Further Ex-proof on request

VALVE FEATURES

- No pressure difference required
- High life time
- Simple compact valve design
- Low weight
- High-quality materials
- Reliable and sturdy sealing elements
- Long-term availability of spare parts

FUNCTION

NC – non pressurized closed NO – non-pressurized open



CERTIFICATES



ORDERING SYSTEM

Type	Conn.	Housing	Seal	Coil	Option
. 7 2 3 1	/	1 0 0 2	/	. 1 8 2	- H A
3. G 1/8 4. G 1/4 5. G 3/8 6. G 1/2 .0 1.0 mm .1 1.5 mm .2 2.0 mm .3 2.5 mm .4 3.0 mm		06 St. steel 1.4305 08 St. steel 1.4571 10 Brass 2.0402	02 FKM 04 PTFE 06 EPDM	2 Standard IP65 8 Explosion proof acc. to directive 2014/34/EU (ATEX)	