

TYPE 52-S

G

S

R[®]



2/2-way solenoid valve
 NC - Valve normally closed (Standard)
 NO - Valve normally open (optional)

Direct operated Piston design. 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 high pressure applications up to 150 bar

TECHNICAL SPECIFICATIONS

Type of control:	Direct operated
Design:	Piston design
Connection:	Threaded G1/4 DIN ISO 228 (BSP) <i>Other connections like NPT on request</i>
Installation:	Preferable with actuator upright
Pressure range:	0 - 150 bar (see table on page 2)
Medium:	Clean, neutral, liquid or gaseous
Viscosity:	22 mm ² /s
Temperature range:	Medium -20 °C bis +80 °C Ambient -20 °C bis +50 °C Taking into account other influencing parameters
Body material:	Brass 2.0401 Stainless steel 1.4301 Stainless steel 1.4571
Metallic inner parts:	Brass and stainless steel
Sealing:	PTFE
Supply voltage:	AC~ 24V, 110V, 230V DC= 12V, 24V <i>Others supply voltages on request</i>
Voltage tolerance:	-10% / +10%
Power consumption:	.032 = 11 Watt .148 = 10 Watt .012 = 18 Watt
Protection class:	IP65 acc. to DIN EN 60529
Duty factor:	100% ED-VDE 0580
Connection type:	Plug
Ex-proof:	acc. to 2014/34/EG (ATEX)

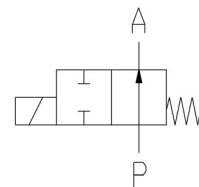
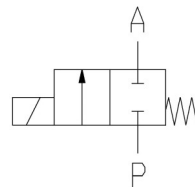
VALVE FEATURES

- For high pressure applications up to 150 bar
- No pressure difference necessary
- High life time
- Simple compact valve design
- High-quality materials
- Reliable and sturdy sealing elements

FUNCTION

NC - non-energized closed

NO - non-energized open



CERTIFICATES

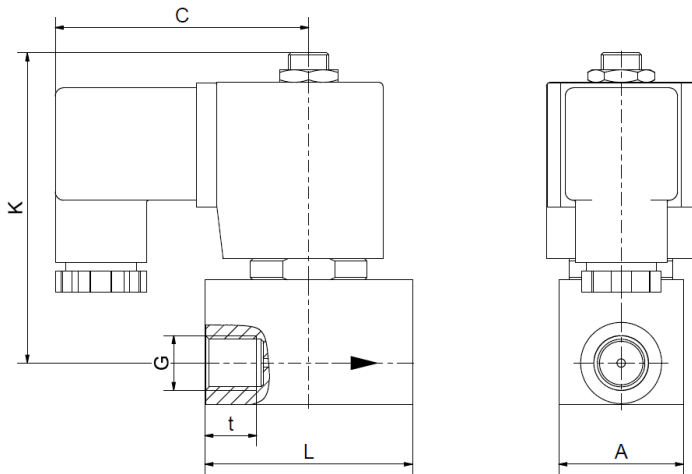


TECHNICAL FEATURES



Orifice mm	Kv-value m ³ /h	Standard type	max. pressure for coils					
			.032-S		.012-S		.148-S (ATEX)	
			NC	NO	NC	NO	NC	NO
1,0	0,06	.5240/..04/	0-150	-	0-150	0-110	0-150	0-100
1,2	0,08	.524L/..04/	0-90	-	0-130	0-100	0-60	0-90
1,5	0,09	.5241/..04/	-	-	0-120	-	-	-

DIMENSIONS



Coil	.032	.012 / .148*
G	1/4	1/4
A	30	30
C	59	61
K	75	75
L	50	50
t	12	12
kg	0,35	0,35

* Different dimension „C“ for ATEX-coils

ORDERING CODE

Type	Connection	Body	Sealing	Coil	Option		
. 52	4 0	0 8	0 4	0 1 2	S		
4 .	G 1/4	06	St. steel 1.4301	03	15 VA / 11 W	2	Standard IP65
. 0	1.0 mm	08	St. steel 1.4571	01	24 VA / 18,5 W	8	2014/34/EU (ATEX)
. L	1.2 mm			14	8,5 VA / 10 W		
. 1	1.5 mm	04	PTFE			S	Special tube

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