

TECHNICAL SPECIFICATIONS

Type of control	Pilot operated, pressure difference is required
Design	Diaphragm design
Connection	Threaded G1/4 - G2 DIN ISO 228/1 (BSP) Other connections like NPT on request
Installation	Preferable with actuator upright
Pressure	0,3 - 20 bar (see table page 2)
Medium	Clean, neutral, gaseous and liquid medium
Viscosity	22 mm²/s
Temperature range	Medium: -10 °C bis +140 °C Ambient: -10 °C bis +50 °C
Body material	Brass 2.0402 Stainless steel 1.4581
Metallic inner parts	Brass and stainless steel
Sealing	FKM, EPDM
Supply voltage	AC~ 24V, 110V, 230V DC= 12V, 24V Other supply voltages on request
Voltage tolerance	-10% / +10%
Power consumption	1 = 6,8 Watt 2 = 18 Watt
Protection class	IP65 nach DIN 60529
Duty factor	100% ED-VDE 0580
Connection type	Plug

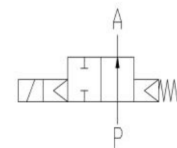
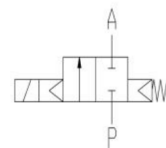
VALVE FEATURES

- For media temperatures up to +140 °C
- Pressure difference is required
- 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

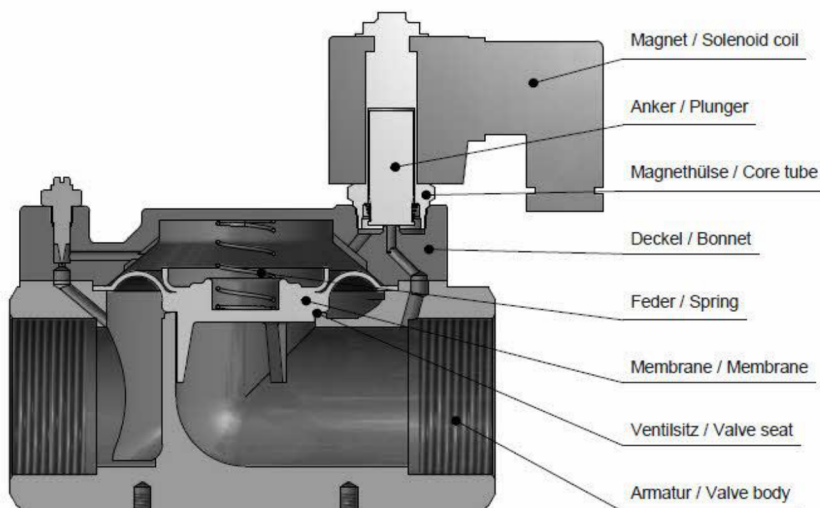


TECHNICAL FEATURES

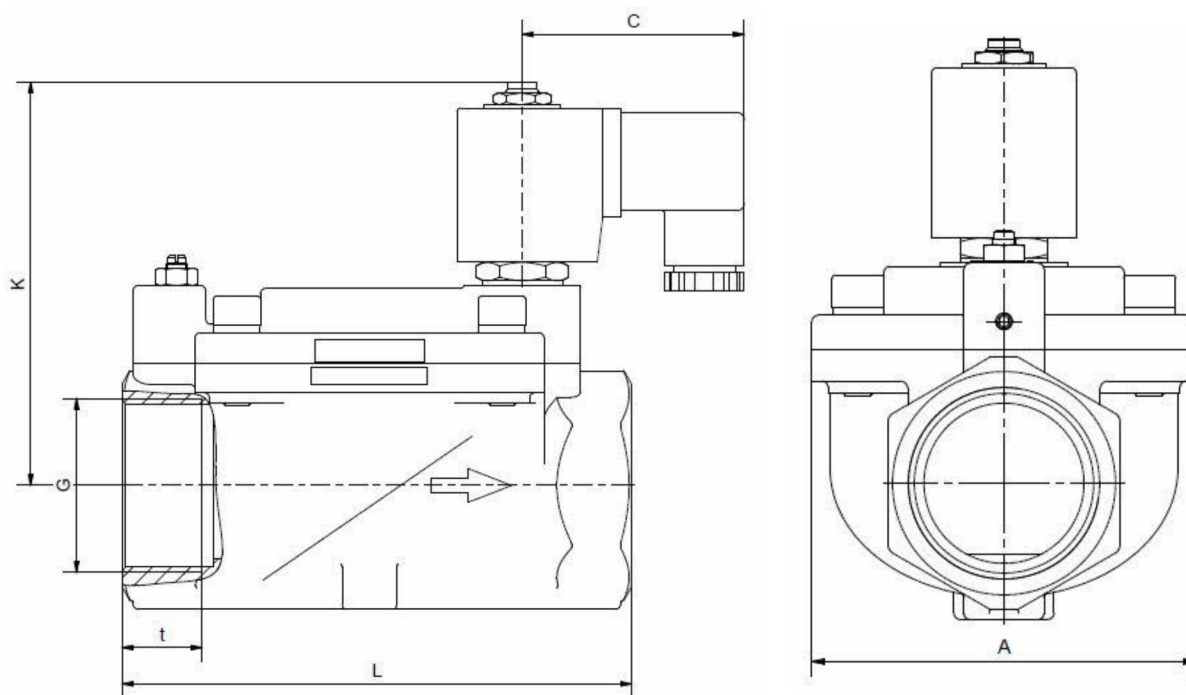
G	Seat Ø mm	Kv-value m³/h	max. pressure for coils NC	
			1	2
1/4	13,5	1,6	0,3-8	0,3-20
3/8	13,5	3,3	0,3-8	0,3-20
1/2	13,5	3,8	0,3-8	0,3-20
3/4	27,5	11,0	0,3-8	0,3-20
1	27,5	13	0,3-8	0,3-20
1 1/4	40	30	-	0,3-16
1 1/2	40	32	-	0,3-16
2	50	45	-	0,3-16

The flow rate mentioned in the table applies to the strongest coil.

G	Seat Ø mm	Kv-value m³/h	max. pressure for coils NO	
			1	2
1/4	13,5	1,6	-	0,3-16
3/8	13,5	3,3	-	0,3-16
1/2	13,5	3,8	-	0,3-16
3/4	27,5	11,0	-	0,3-16
1	27,5	13	-	0,3-16
1 1/4	40	30	-	0,3-10
1 1/2	40	32	-	0,3-10
2	50	45	-	0,3-10



DIMENSIONS



coil	1				
G	1/4	3/8	1/2	3/4	1
A	48	48	48	70	70
C	51	51	51	51	51
K	75	75	75	87	87
L	67	67	67	96	96
t	12	12	12	16	16
kg	0,9	0,85	0,8	1,65	1,5

coil	2							
G	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
A	48	48	48	70	70	96	96	112
C	61	61	61	61	61	61	61	61
K	90	90	90	102	102	110	110	120
L	67	67	67	96	96	140	140	168
t	12	12	12	16	16	22	22	22
kg	0,9	0,85	0,8	1,65	1,5	3,1	2,9	4,0