

TECHNICAL SPECIFICATIONS

Type of control	Pilot operated, pressure difference is required
Design	Piston design
Connection	Threaded G1/4 - G2 DIN ISO 228/1 (BSP) Other connections like NPT on request
Installation	Preferable with actuator upright
Pressure	0,5 - 40 bar (see table page 2)
Medium	Clean, neutral, gaseous and liquid medium
Viscosity	22 mm²/s
Temperature range	Medium: -20 °C bis +180 °C Ambient: -20 °C bis +50 °C
Body material	Brass 2.0402 Stainless steel 1.4581
Metallic inner parts	Brass and stainless steel
Sealing	PTFE
Supply voltage	AC~ 230V DC= 24V
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

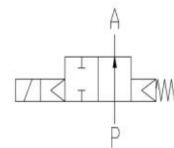
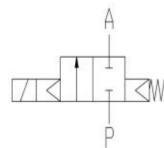
VALVE FEATURES

- For media temperatures up to +180 °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

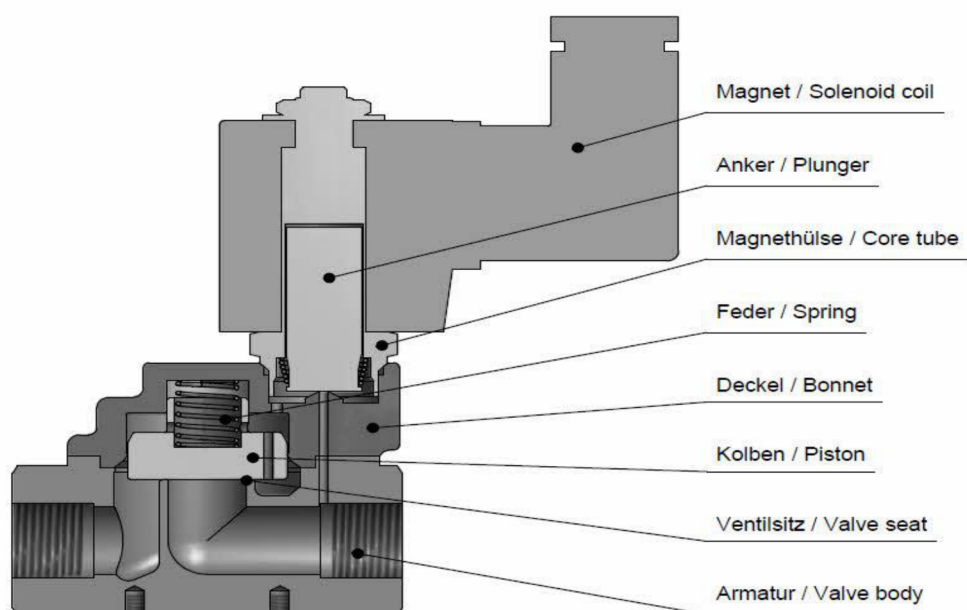


TECHNICAL FEATURES

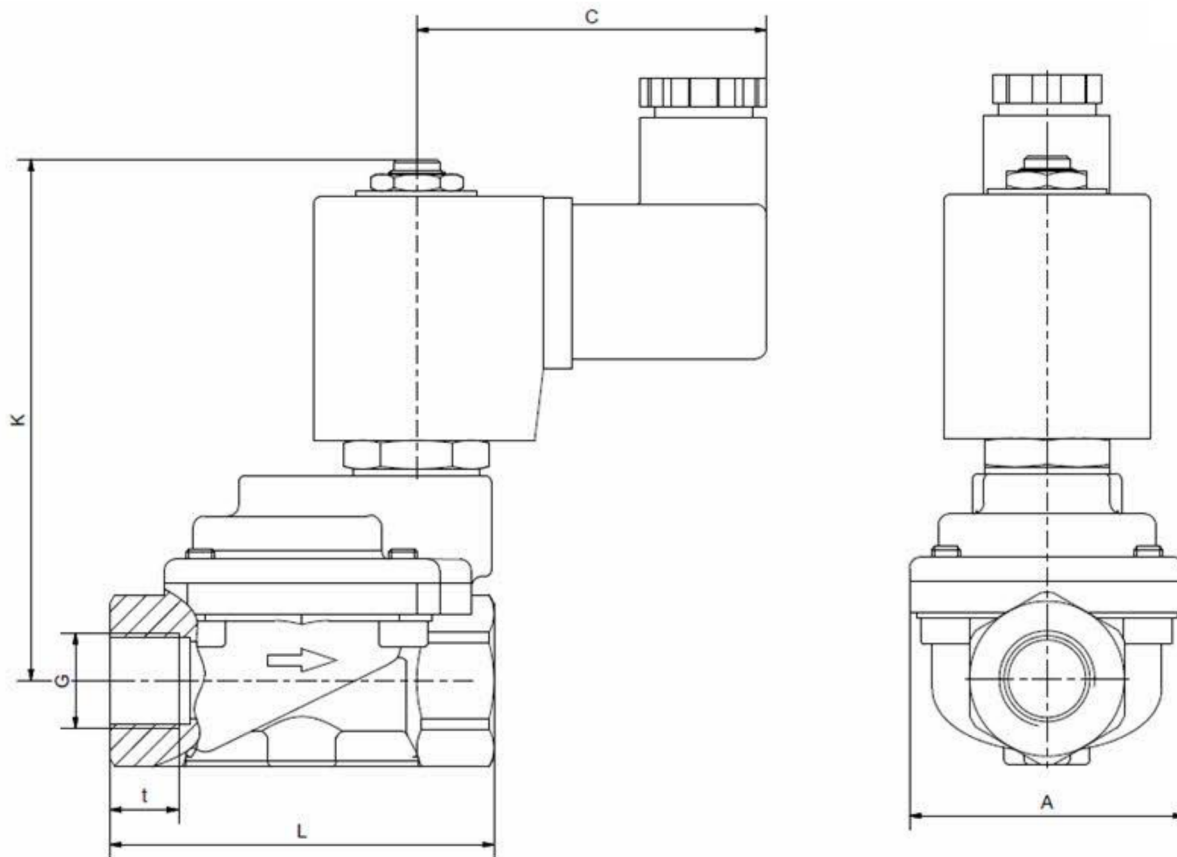
G	Seat mm	Kv-value m³/h	max. pressure for coils NC	
			1	2
1/4	13,5	1,8	0,5-16	0,5-40
3/8	13,5	4,0	0,5-16	0,5-40
1/2	13,5	4,5	0,5-16	0,5-40
3/4	27,5	11,5	0,5-16	0,5-40
1	27,5	13,0	0,5-16	0,5-40
1 1/4	40	29,0	-	0,5-30
1 1/2	40	33,0	-	0,5-30
2	50	49,0	-	0,5-30

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

G	Seat mm	Kv-value m³/h	max. pressure for coils NO	
			1	2
1/4	13,5	1,8	-	0,5-40
3/8	13,5	4,0	-	0,5-40
1/2	13,5	4,5	-	0,5-40
3/4	27,5	11,5	-	0,5-40
1	27,5	13,0	-	0,5-40
1 1/4	40	29,0	-	0,5-16
1 1/2	40	33,0	-	0,5-16
2	50	49,0	-	0,5-16



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	91	91
L	67	67	67	96	96
t	12	12	12	16	16
kg	0,9	0,85	0,8	1,8	1,65

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	106	106	128	128	140
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	1,8	1,65	3,8	3,5	5,2