

TECHNICAL SPECIFICATIONS

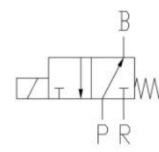
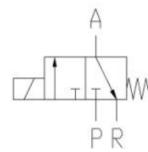
Type of control	Direct operated
Design	Poppet design
Connection	Threaded G1/8 - G1/2 DIN ISO 228/1 (BSP) Further connections like NPT on request
Installation	With actuator upright
Pressure	0 - 250 bar (see table on page 2)
Medium	Clean, neutral, gaseous and liquid media
max. viscosity	22 mm ² /s
Temperature range	Medium: -10 °C up to +80 °C Ambient: -10 °C up to +50 °C
Body material	Stainless steel 1.4571
Metallic inner parts	Brass and Stainless steel
Sealing	PEEK
Supply voltage	AC~ 24V, 110V, 230V DC= 12V, 24V Other supply voltages on request
Voltage tolerance	-10% / +10%
Power consumption	1 = 100 Watt 3 = 47 Watt ⚡ 2 = 150 Watt 4 = 75 Watt ⚡
Protection class	IP65 acc. to DIN 60529
Duty factor	100% ED-VDE 0580
Connection type	Terminal box
Ex-proof	acc. to 2014/34/EU (ATEX) Further Ex-proof on request

VALVE FEATURES

- For high pressure applications up to 250 bar
- No pressure difference required
- High life time
- High-quality materials
- Reliable and sturdy sealing elements

FUNCTION

NC – non pressurized closed NO – non-pressurized open



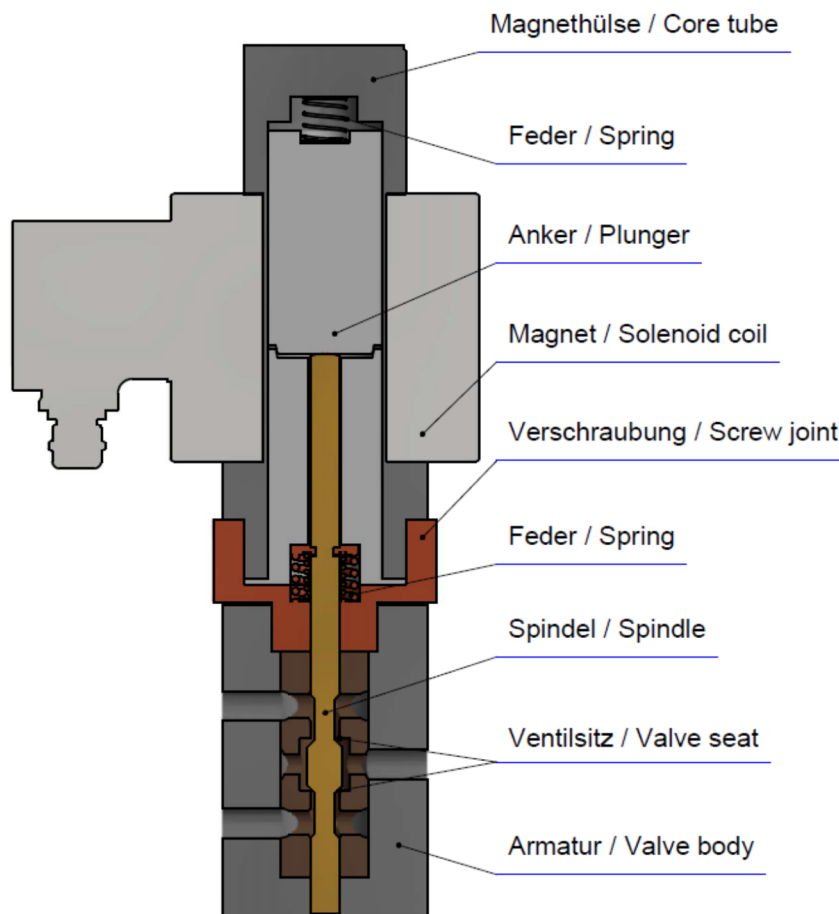
CERTIFICATES



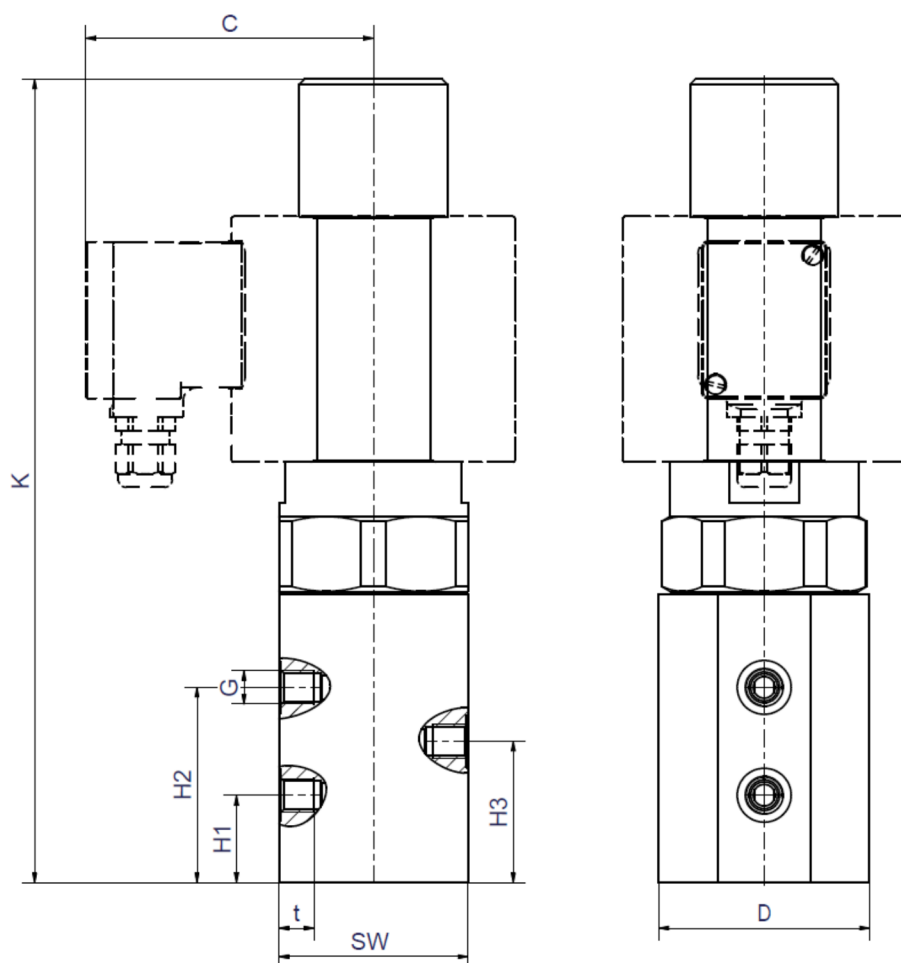
TECHNICAL FEATURES

G	Seat Ø mm	Kv-value m³/h	max. pressure for coils		max. pressure for coils ATEX	
			1	2	3	4
1/8	10,0	1,2	0-200	0-250	0-150	0-210
1/4	10,0	1,2	0-200	0-250	0-150	0-210
3/8	10,0	1,2	0-200	0-250	0-150	0-210
1/2	10,0	1,2	0-200	0-250	0-150	0-210

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



DIMENSIONS



Coil	1 / 2				3 / 4			
G	1/8	1/4	3/8	1/2	1/8	1/4	3/8	1/2
C	107	107	107	107	127	127	127	127
K	299	299	299	299	332	332	332	332
D	78	78	78	78	78	78	78	78
SW	70	70	70	70	70	70	70	70
H1	32,5	32,5	32,5	32,5	32,5	32,5	32,5	32,5
H2	72,5	72,5	72,5	72,5	72,5	72,5	72,5	72,5
H3	52,5	52,5	52,5	52,5	52,5	52,5	52,5	52,5
t	12,5	13,0	13,0	15,0	12,5	13,0	13,0	15,0
kg	10,9	11,3	11,2	10,8	22,6	22,6	22,6	22,5