2/2 - way solenoid valve - combined operated
series SL132

TECHNICAL SPECIFICATIONS

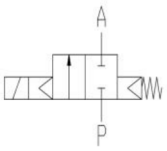
Type of control	Force-pilot operated
Design	Diaphragm design
Connection	Threaded G1/4 - G2 DIN ISO 228/1 (BSP) Further connections like NPT on request
Installation	Actuator upright
Pressure	0 - 16 bar (see table on page 2)
Medium	Clean, neutral, gaseous and liquid media
Viscosity	22 mm²/s
Temperature range	Medium: -10 °C up to +140 °C Ambient: -10 °C up to +50 °C In consideration of the restrictions described on page 4
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 = 18 Watt 2 = 18 Watt 3 = 21 Watt 4 = 26 Watt 5 = 60 Watt
Protection class	IP65 acc. to DIN 60529
Duty factor	100% ED-VDE 0580
Connection type	Plug, Terminal box

VALVE FEATURES

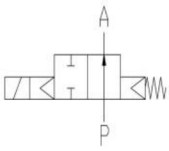
- For media temperatures up to +140 °C
- No pressure difference is required
- High life time
- Simple compact valve design
- High-quality materials
- Reliable and sturdy sealing elements

FUNCTION

NC – non energized closed



NO – non-energized open



CERTIFICATES

Abbildungen unverbindlich, Konstruktions-, Maß- und Werkstoffänderungen vorbehalten
illustrations are non-binding, all designs, configurations, measurements and materials are subject to change without prior notice

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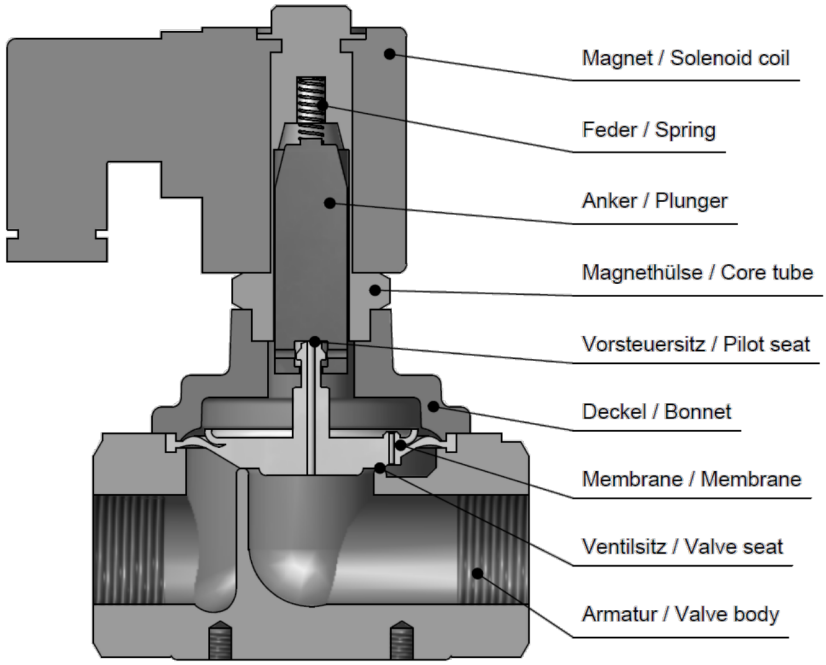
TECHNICAL FEATURES

			max. pressure for coils				
G	Seat Ø mm	Kv-value m³/h	1	2	3	4	5
1/4	13,5	1,8	0-10	0-16	-	-	-
3/8	13,5	3,6	0-10	0-16	-	-	-
1/2	13,5	3,9	0-10	0-16	-	-	-
3/4	27,5	10,8	0-8	0-12	0-16	-	-
1	27,5	13,0	0-8	0-12	0-16	-	-
1 1/4	40	22,0	-	-	0-3	0-8	0-16
1 1/2	40	25,0	-	-	0-3	0-8	0-16
2	50	30,0	-	-	-	0-6	0-16

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



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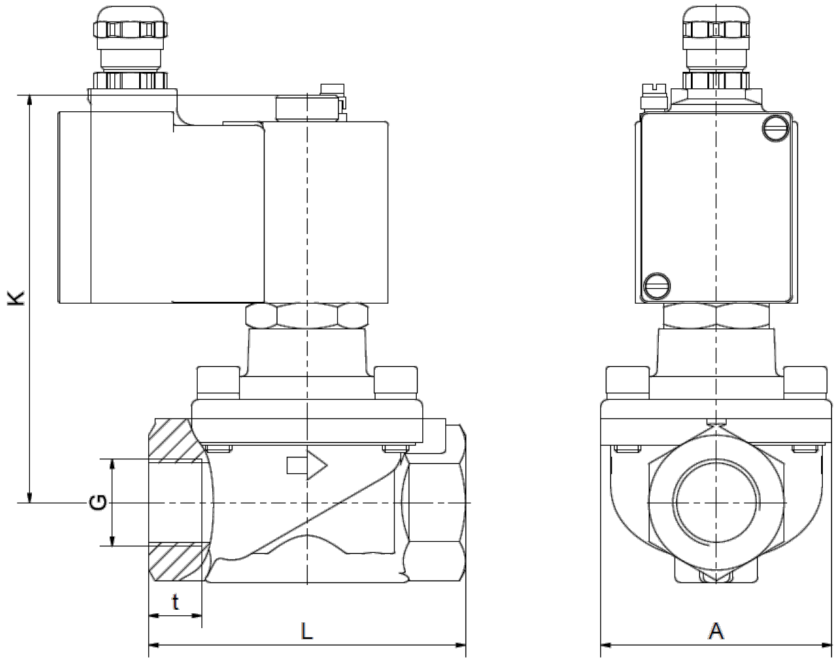
series SL132

DIMENSIONS



Coil	1					2				
G	1/4	3/8	1/2	3/4	1	1/4	3/8	1/2	3/4	1
A	48	48	48	70	70	48	48	48	70	70
C	61	61	61	61	61	67	67	67	67	67
K	86	86	86	96	96	104	104	104	120	120
L	67	67	67	96	96	67	67	67	96	96
t	12	12	13	16	16	12	12	13	16	16
kg	0,9	0,8	0,8	1,5	1,4	1,1	1,1	1,0	1,8	1,7

Coil	3				4			5		
G	3/4	1	1 1/4	1 1/2	1 1/4	1 1/2	2	1 1/4	1 1/2	2
A	70	70	96	96	96	96	112	96	96	112
C	84	84	84	84	93	93	93	107	107	107
K	156	156	173	173	196	196	205	243	243	251
L	96	96	140	140	140	140	168	140	140	168
t	16	16	22	22	22	22	25	22	22	25
kg	3,0	2,9	5,0	4,7	6,2	5,9	7,2	10,2	9,9	11,3

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