2/2-way solenoid valves - combined operated
series SL113

TECHNICAL SPECIFICATIONS

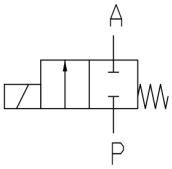
Type of control:	Force pilot operated, no pressure difference required
Design:	Piston design
Connection:	Threaded $G^1/_4$ - G2, DIN ISO 228 (BSP) Other connections like NPT on request
Installation:	Actuator in upright position Lying position of actuator on request
Pressure:	0-40 bar (see table page 2)
Medium:	Clean, neutral, gaseous and liquid medium
Viscosity:	22 mm^2/s
Temperature range:	Medium: -40 °C up to +200 °C Ambient: -40 °C up to +50 °C
Body material:	Brass 2.0402 Stainless steel 1.4581
Metallic inner parts:	Brass and stainless steel
Sealing:	PTFE
Supply voltage:	AC~ 24V, 110V, 230V via external rectifier (included in delivery) DC= 12V, 24V, 110V Other supply voltages on request
Voltage tolerance:	-10% / +10%
Power consumption:	T802 = 18 Watt T322 = 21 Watt T242 = 26 Watt T272 = 60 Watt T352 = 80 Watt
Protection class:	IP65 according to DIN EN 60529
Duty factor:	100% ED-VDE 0580
Connection type:	Terminal box

VALVE FEATURES

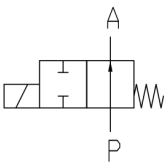
- High temperature design up to +200 °C
- No pressure difference is required
- Simple compact valve design
- Reliable and sturdy sealing elements
- Long-term availability of spare parts
- High-quality materials

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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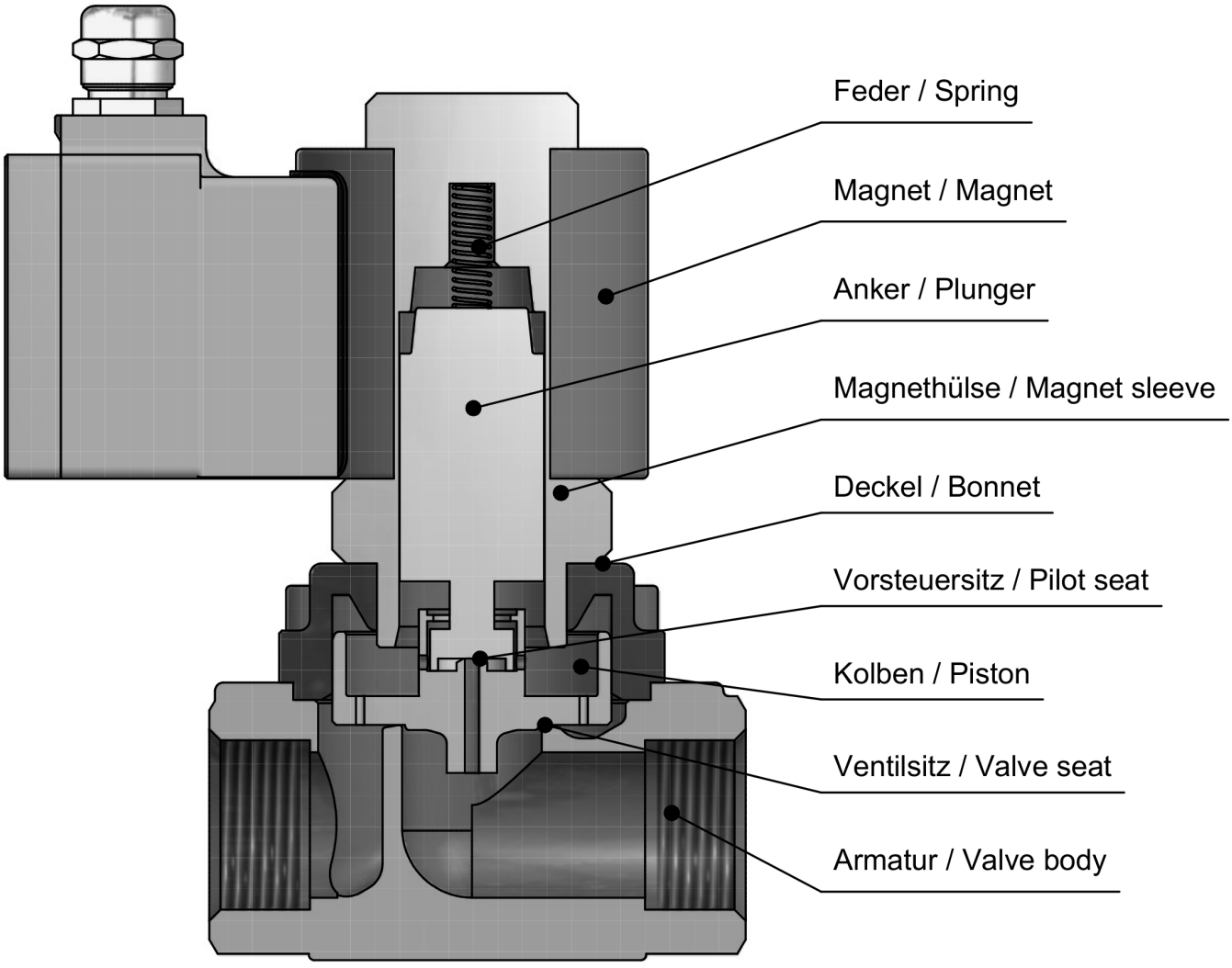
TECHNICAL FEATURES

			max. pressue				
DN	Seat ø mm	Kv-value m³/h	T802	T322	T242	T272	T352
1/4	13,5	1,8	0-20	0-40*	-	-	-
3/8	13,5	4,0	0-20	0-40*	-	-	-
1/2	13,5	4,5	0-20	0-40*	-	-	-
3/4	27,5	11,5	0-13	0-25	0-40*	-	-
1	27,5	13,0	0-13	0-25	0-40*	-	-
1 1/4	40	29,0	-	0-6	0-20	0-40*	-
1 1/2	40	33,0	-	0-6	0-20	0-40*	-
2	50	49,0	-	-	0-6	0-25	0-40*

The flow rate mentioned in the table applies to the *marked coil.



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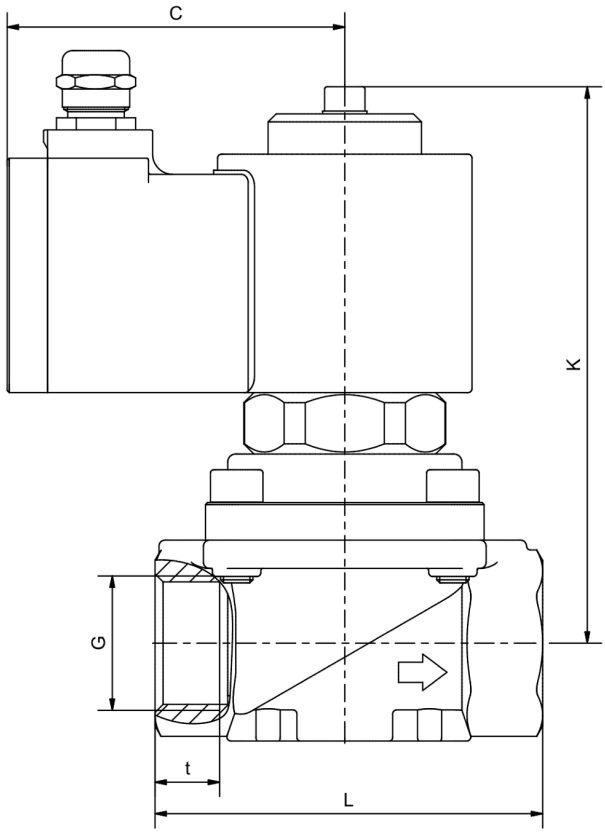
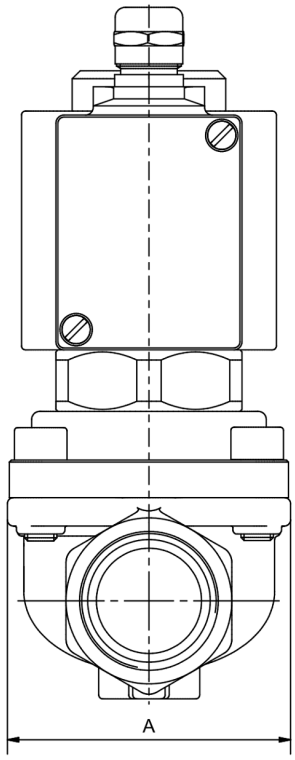
DIMENSIONS





Coil	T802					T322						
G	1/4	3/8	1/2	3/4	1	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
A	48	48	48	70	70	48	48	48	70	70	96	96
C	70	70	70	70	70	77	77	77	77	77	77	77
K	104	104	104	122	122	148	148	148	138	138	148	148
L	67	67	67	96	96	67	67	67	96	96	140	140
t	12	12	12	16	16	12	12	12	16	16	22	22
kg	1,5	1,5	1,4	2,3	2,2	2,4	2,3	2,3	3,1	3,0	4,8	4,7

Coil	T242					T272			T352
G	3/4	1	1 1/4	1 1/2	2	1 1/4	1 1/2	2	2
A	70	70	96	96	112	96	96	112	112
C	93	93	93	93	93	107	107	107	127
K	178	178	188	188	186	218	218	239	322
L	96	96	140	140	168	140	140	168	168
t	16	16	22	22	22	22	22	22	22
kg	4,7	4,6	6,5	6,3	7,6	10,1	10,0	11,5	23,5

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