



2/2-way solenoid valve - valve normally closed (NC)
- valve normally open (NO)

Solenoid valve for high temperature applications

- For high temperature applications +200°C
- No pressure difference necessary
- High life time
- Reliable and sturdy sealing elements
- Long-term availability of spare parts
- High-quality materials

TECHNICAL SPECIFICATIONS

Type of control: Force-pilot operated,
no pressure difference necessary

Design: Piston design

Connection: Threaded G 1/4 - G 2 DIN ISO 228 (BSP)
Further connections on request

Installation: Actuator upright

Pressure: 0 - 40 bar (see table page 2)

Medium: Clean, neutral, liquid or gaseous

Viscosity: 22 mm²/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 (AISI 316Ti)

Metallic inner parts: Brass and stainless steel

Sealing: PTFE

Supply voltage: AC 50/60Hz 24V, 110V, 230V
DC 0Hz 12V, 24V

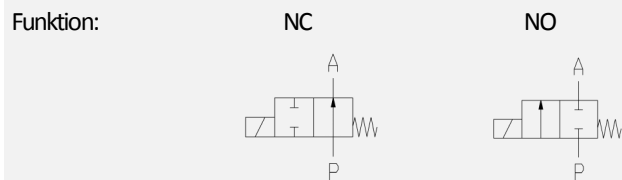
Voltage tolerance: -10% / +10%

Consumption: T05 = 18 Watt T09 = 80 Watt
T06 = 21 Watt
T07 = 26 Watt
T08 = 60 Watt

Protection class: IP 65 acc. to DIN 60529

Duty factor: 100% ED - VDE 0580

Connection type: Terminal box



Certificates:



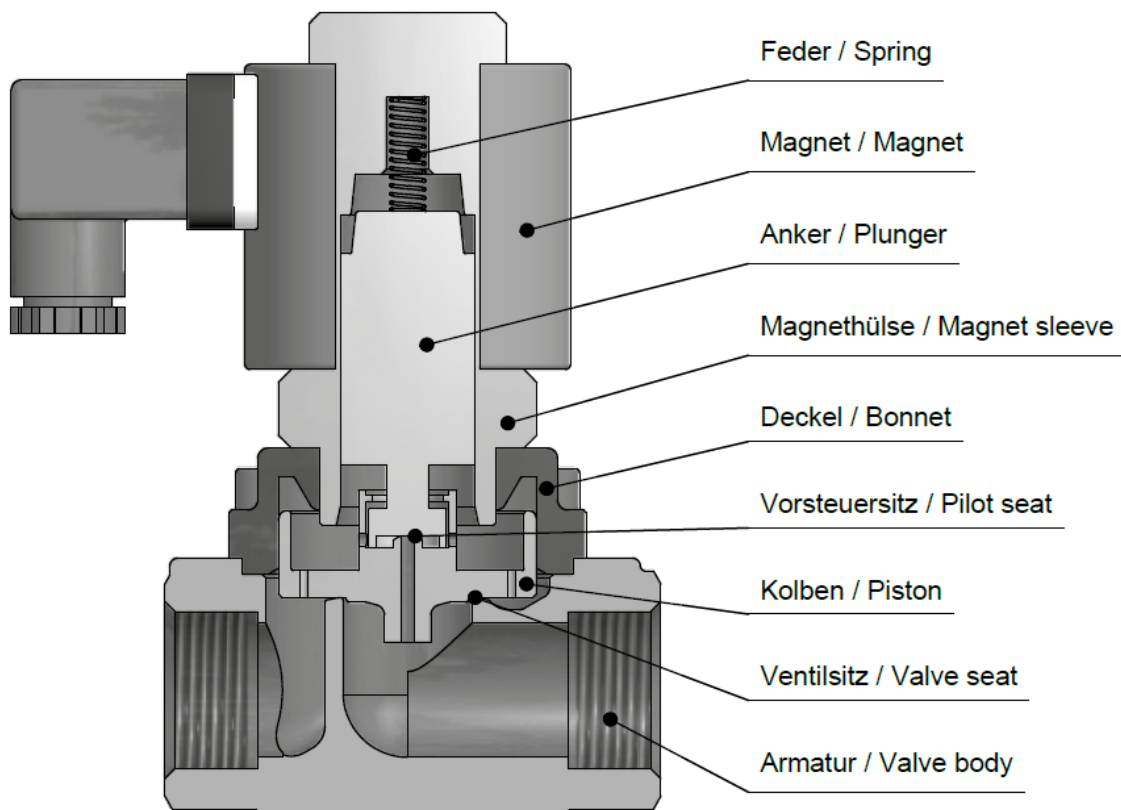
Ex-proof: -

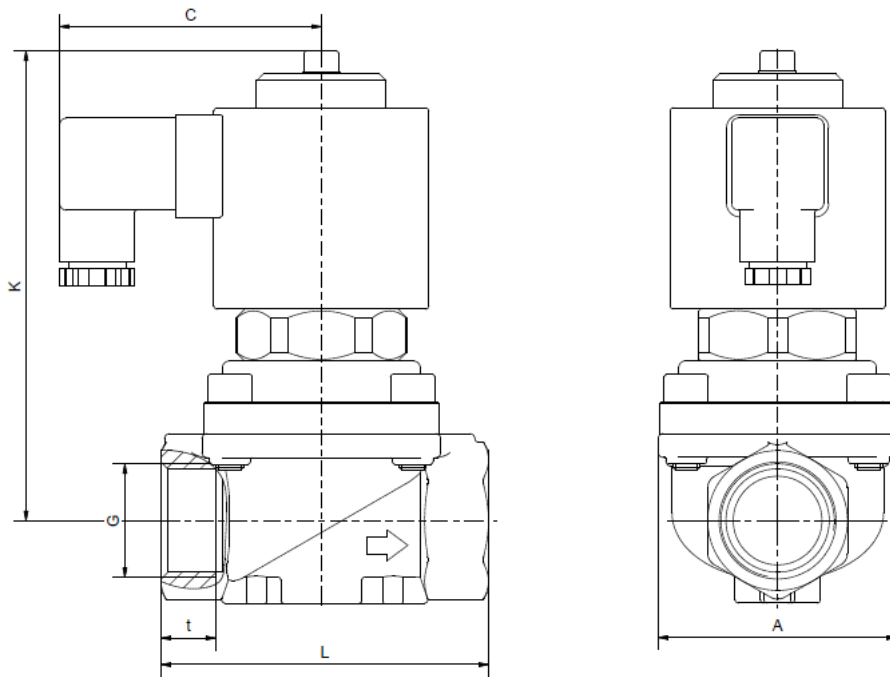
ORDERING SYSTEM

M-ET	3	01	G	D	13.5	A	D	T06
Type	Control type	Code	Connection type	Connection size	Nominal diameter mm	Body material	Sealing material	Actuator type
	3 force-pilot oper.		G BSP N NPT	B 1/4 C 3/8 D 1/2 E 3/4 F 1 G 1 1/4 H 1 1/2 I 2		A Brass C AISI316	D PTFE	T +200 °C

Standard NC type	Seat ϕ mm	Kv-value m ³ /h	max. pressure				
			T05	T06	T07	T08	T09
M-ET 301 GB	13.5	1.8	0-20	0-40	-	-	-
M-ET 301 GC	13.5	4.0	0-20	0-40	-	-	-
M-ET 301 GD	13.5	4.5	0-20	0-40	-	-	-
M-ET 301 GE	27.5	11.5	0-13	0-25	0-40	-	-
M-ET 301 GF	27.5	13.0	0-13	0-25	0-40	-	-
M-ET 301 GG	40.0	29.0	-	0-12	0-20	0-40	-
M-ET 301 GH	40.0	33.0	-	0-12	0-20	0-40	-
M-ET 301 GI	50.0	49.0	-	-	0-6	0-25	0-40

Valve design





Coil	T05					T06						
	M-ET 301					M-ET 301						
Type	GB	GC	GD	GE	GF	GB	GC	GD	GE	GF	GH	GI
G	1/4	3/8	1/2	3/4	1	1/4	3/8	1/2	3/4	1	1 1/2	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	T07					T08			T09
	M-ET 301					M-ET 301			M-ET 301
Type	GE	GF	GG	GH	GI	GG	GH	GI	GI
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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