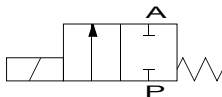


2/2-way solenoid valve brass type MV03



Description:

2/2-way solenoid valve made of brass, very compact design for high flow rates. Ideal for machine and plant engineering. This valve switches at 0 bar (directly acting solenoid valve)

Features:

- Suitable for **non-flammable, neutral gases and liquids**
- Can't be used for applications with counter pressure
- Consider direction of flow (see arrow)
- Mounting position: any, preferably solenoid above

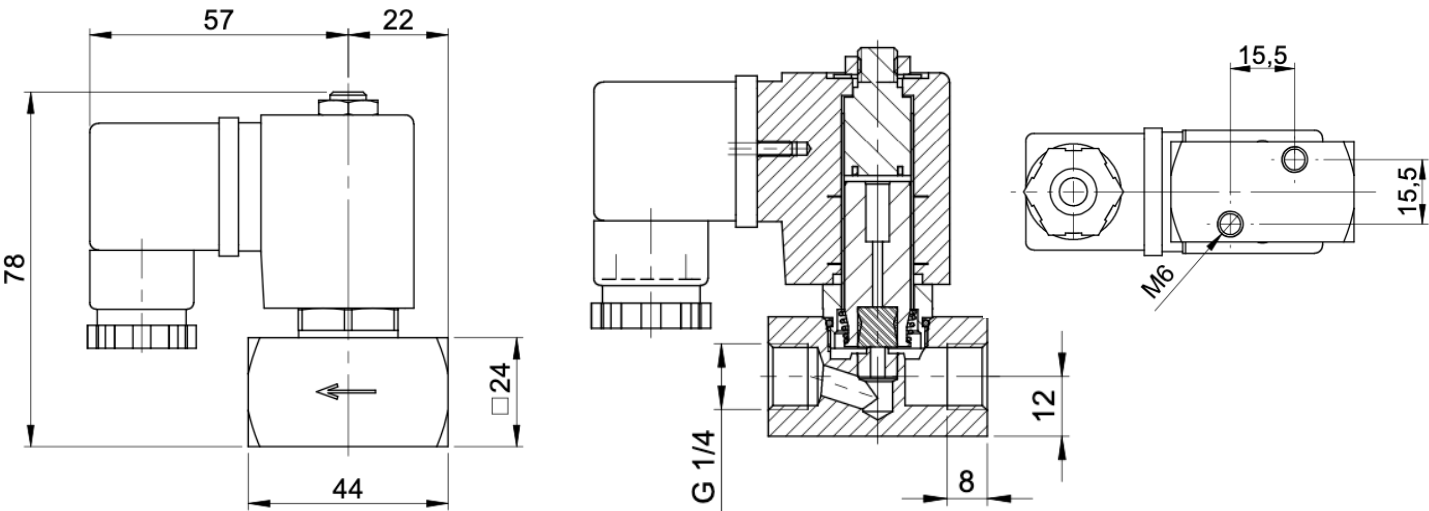
Connection:	Control:	Function:	Pressure:
G 1/4" inch	direct acting	NC – normally closed	0 – 48 bar – depending on design

Design:	Seat valve
Diameter:	DN 2,0 DN 2,5 DN 3,0 DN 4,0 DN 6,0
Connection:	G 1/4" female thread
Body material:	Brass
Seal:	FKM EPDM NBR
Voltage:	230V 50Hz 24V DC
Voltage tolerance:	+/- 10% acc. VDE 0580
Power consumption:	230V 50Hz: 15 VA 24V DC: 18 W
Duty:	100 % ED
Plug socket:	IP65 with plug socket mounted
Electrical connection:	Plug socket acc. DIN EN 175301-803, plug type A cable diameter 8 mm, thread PG 9
Temperature:	Ambient: max. + 50°C Media: FKM -10°C to +120°C EPDM -10°C to +130°C NBR -10°C to +90°C

DN	Max. pressure	Connection	Flow rate	Leakage rate**
2,0 mm	0 – 48 bar (38 bar*)	G 1/4" Zoll	2,3 l/min	A
2,5 mm	0 – 30 bar (24 bar*)	G 1/4" Zoll	3,0 l/min	A
3,0 mm	0 – 20 bar (16 bar*)	G 1/4" Zoll	3,7 l/min	A
4,0 mm	0 – 10 bar (8 bar*)	G 1/4" Zoll	6,5 l/min	A
6,0 mm	0 – 6 bar (4,8 bar*)	G 1/4" Zoll	9,5 l/min	A

* direct current reduces the working pressure
** acc. to EN 12266-1

Dimensions:



Options (on request):

- Cleaning: free of oil and grease, silicone, PWIS
- Explosion proof coil: II 2G Ex mb IIC T4 Gb, II 2D Ex mb tb IIIC T130°C Db
- Plug socket with LED
- Special coils: size 13/36 (for lower temperature), special voltages
- Normally open (NO)

Article number:

Type	Voltage	Seal	Function	Version	Size
MV03	1 – 230V 50Hz 2 – 24V DC	1 – EPDM 2 – FKM 4 – NBR	0 – NC normally closed	0 – standard	20 – DN 2,0 25 – DN 2,5 30 – DN 3,0 40 – DN 4,0 60 – DN 6,0

Example No. MV03120030:

MV03	1	2	0	0	30
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2/2 way solenoid valve brass
Voltage: 230V 50Hz
Seal: FKM
Function: NC normally closed
Version: standard
Size: DN 3,0

Image similar, subject change without notice.