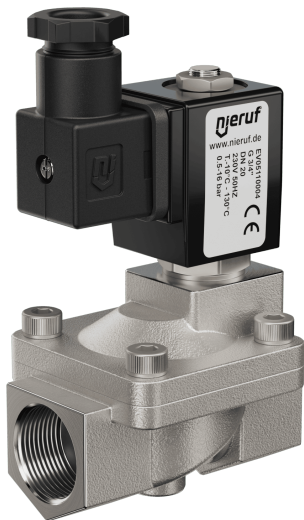


2/2-way solenoid valve stainless steel type EV05

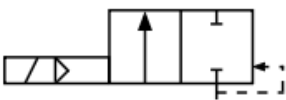


Description:

2/2-way solenoid valve made of stainless steel, with membrane for high flow rates. Ideal for machine and plant engineering. This valve switches at 0,5 bar (servo-controlled 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:

3/8", 1/2", 3/4", 1",
1 1/4", 1 1/2", 2" inch

Control:

servo-controlled

Function:

NC – normally closed

Pressure:

0,5 – 16 bar
– depending on design

Design:

Diameter:

Connection:

Body material:

Seal:

Voltage:

Voltage tolerance:

Power consumption:

Duty:

Plug socket:

Plug:

Viscosity:

Temperature:

Seat valve with membrane

DN13 | DN20 | DN25 | DN32 | DN40 | DN50

Female thread G 3/8" to G 2"

Stainless steel 1.4408

EPDM | NBR | FKM

230V 50Hz | 24V DC

+/- 10% acc. VDE 0580

230V 50/60Hz: 22 VA
24V DC 13 Watt

100 % ED

IP65 is plug socket mounted acc. DIN EN 175301-803 Form A

Cable diameter 6-8 mm, thread PG 9, design A

≤20CST

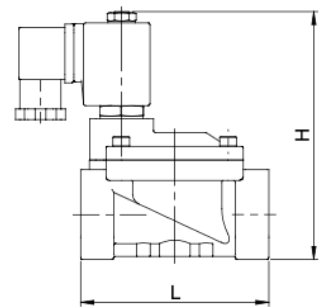
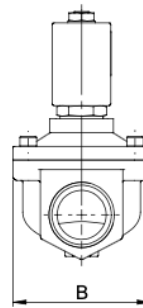
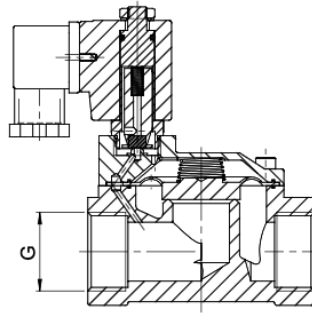
Ambient: max. + 50°C
Media: FKM -10°C to +120°C
NBR -10°C to +90°C
EPDM -10°C to +130°C

DN	Connection	Max. pressure	Flow rate	Leakage rate*
13,0 mm	G 3/8" inch	0,5 – 16 bar	3,8 m³/h	A
13,0 mm	G 1/2" inch	0,5 – 16 bar	3,8 m³/h	A
20,0 mm	G 3/4" inch	0,5 – 16 bar	6,5 m³/h	A
25,0 mm	G 1" inch	0,5 – 16 bar	10,3 m³/h	A
32,0 mm	G 1 1/4" inch	0,5 – 16 bar	18,9 m³/h	A
40,0 mm	G 1 1/2" inch	0,5 – 16 bar	25,8 m³/h	A
50,0 mm	G 2" inch	0,5 – 16 bar	41,2 m³/h	A

* acc. to EN 12266-1

Dimensions:

G	L	B	H
3/8" inch	66	48	107
1/2" inch	66	48	107
3/4" inch	75	58	112
1" inch	96	70	131
1 1/4" inch	131	96	146
1 1/2" inch	131	96	146
2" inch	165	120	167



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: with lead wire (fully encapsulated) IP67, special voltages
- With mounting bracket
- With manual override
- Free of nonferrous metals (for stainless steel design only)
- Function NO – normally open
- Special connection: Flange or NPT

Article number:

Type	Voltage	Seal	Function	Version	Size
EV05	1 – 230V 50Hz 2 – 24V DC	1 – EPDM 2 – FKM 4 – NBR	0 – NC normally closed	0 – standard	02 – 3/8" 03 – 1/2" 04 – 3/4" 05 – 1" 06 – 1 1/4" 07 – 1 1/2" 08 – 2"

Example No. EV05120004:

EV05 | **1** | **2** | **0** | **0** | **04**

2/2 way solenoid valve stainless steel
 Voltage: 230V 50Hz
 Seal: FKM
 Function: NC normally closed
 Version: standard
 Size: 3/4"

Image similar, subject change without notice.