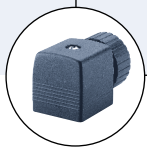


2/2 way Solenoid Valve for neutral media up to + 180 °C, G 1/2 - G 1

- Solenoid valve with servo-piston
- Temperatures up to + 180 °C
- For neutral media, incl. steam
- Push-over coil system
- Threaded and flange valve bodies

Type 0406 can be combined with...



Type 2508
Cable plug



Type 1078
Timer unit



Type 2511
ASI cable plug

Type 0406 is a pilot controlled solenoid valve with servo-piston and is suitable for media up to + 180 °C. A minimum differential pressure of 1 bar is required to fully open the valve.

The valve is closed by its own media pressure and spring force without power supply.

Technical data

Orifice	DN13 ... 25
Body material	Brass, grey cast iron
Coil material	Epoxy
Coil insulation class	H
Seal material	PTFE/graphite
Media	Neutral media such as hot water and steam
Media temperature	- 10 ... + 180 °C
Ambient temperature	max. + 55 °C
Viscosity	max. 21 mm ² /s
Voltage tolerance	± 10 %
Duty cycle	100 % continuous rating
Electrical connection	Cable plug for Ø 7 mm cable, acc. to DIN EN 175 301-803 Form A (supplied as standard)
Protection class	IP65 with cable plug
Installation	As required, preferably with actuator upright

Power consumption

Orifice DN [mm]	Inrush AC [VA]	Hold (hot coil)	
		AC [VA/W]	DC [W]
13 ... 25	21	12/8	8
32 ... 40	35 ... 40	16/12	-

Ordering chart for valves (other versions on request)

All valves with PTFE and graphite-seal, with cable plug (exception see footnote)

Circuit function	Port connection	Orifice [mm]	K _v value water [m ³ /h]	Pressure range [bar]	Body material	Item no. per voltage/frequency [V/Hz]		
						024/DC	024/50	230/50
A 2/2 way-valve NC 	G ½	13	3.7	1 ... 4	Brass	019310	-	-
				1 ... 12	Brass	-	020541	061305
	G ¾	20	5.0	1 ... 4	Brass	021004	-	-
				1 ... 12	Brass	-	019818	061303
	G 1	25	10.0	1 ... 4	Brass	019983	-	-
				1 ... 12	Brass	-	021440	061304
	Flange acc. to DIN 2501			10.0	GG25	078255	-	-
				1 ... 12	GG25	-	-	022126

* Flange version with Item-no. 078 255 (024/DC) supplied without cable plug.

i Further versions on request



Voltage

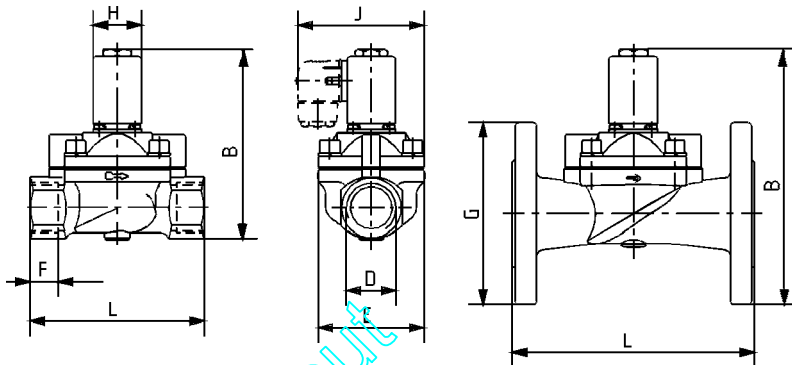
110/50, non-standard voltages



Approvals

UL, UR, CSA

Dimensions [mm]



DN	D	B	F	G	H	J	L
13	G ½	113	40	14	-	32	69
20	G ¾	115	60	16	-	32	79
25	G 1	125	70	18	-	32	84
25	Flange	169	73	-	120	32	86

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www.burkert.com

In case of special application conditions, please consult for advice.

We reserve the right to make technical changes without notice.
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