

2/2-way solenoid valve

2/2-way type

Art. No. 148616

Type No. MVB.MS.24V.G18.0-20B



Exemplary illustration

The standard series in the versions

- directly operated
- pilot operated

Cable plug in acc. with ISO 4400

Medium temperature max. 80 °C

Technical data

Housing	Brass
Valve seat	Stainless steel / Brass
Internal parts	Stainless steel / Brass
Protection IP	IP 65
Type	2
Thread	G 1/8 IT
Operating pressure	0 - 20 bar
Sealant	FKM
Electrical connection	ISO 4400 / EN 175301-803 industrial standard type A
Medium temperature	-10 to 160 °C
Ambient temperature	-10 to 60 °C
Standard thread	DIN EN ISO 228-1
Opening	1,8 mm
A	78 mm
B	40 mm
C	90 mm

Commercial data

Customs tariff number	84812090
Country of origin	TR
eCl@ss 5.1.4	27220601
eCl@ss 9.0	27220601
UNSPSC_Code_v190501	40141605
UNSPSC_CodeDesc_v190501	Solenoid valves

Material informations

REACH SVHC1 substance name	lead
CAS no. SVHC 1	7439-92-1
RoHS materials notice	RoHS compliant
REACH Info	contains SVHC substance

S1011 HP Series General Purpose Solenoid Valves

G1/8", G1/4"

GENERAL FEATURES

- Wide pressure range, flow rate and orifices options.
- Solenoid valves are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation.
- Coil to be used in a vertical position.

ELECTRICAL CHARACTERISTICS

Continuous Duty : ED %100
 Coil Insulation Class : H (180°C)(IEC 85)
 Coil Impregnation : Polyester Fiber Glass
 Ambient Temperature : -10°C, +60°C
 Protection Degree : IP65 (ISO 60529) On request; IP68
 Electric Plug Connection : DIN 46340 3-Poles Connector (DIN 43650)
 Connector Specification : ISO 4400 / EN 175301-803 Form A,
 Spade Plug (Cable Ø6-8 mm)
 Electrical Safety : IEC 335
 Standard Voltages : 230V 15VA, 230V 20VA, 230V 24VA

On request other voltages
 Voltages Tolerance : AC -15%, +10% DC -5%, +10%
 Frequency : 50 Hz (60 Hz...)
 On request; Connector with LED, PWM Socket Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

Body : Brass
 Internal Parts : Stainless Steel, Brass
 Sealing : VITON
 Shading Ring : Copper (EN 12735-1)
 Seats, Core Tube, Springs: Stainless Steel, Brass

OPTIONS

Female connection: BSP; (On request NPT)
 • On request CR-Ni plated, PTFE coated done
 • On request Atex (exproof) coil.

TECHNICAL FEATURES

Max. Viscosity : 5°E (-37cST veya mm²/s)
 Response Time : Opening time : 30 ms
 Closing Time : 30 ms

SEALS FEATURES

NBR : -10°C...+80°C
 EPDM : -10°C...+130°C
 VITON : -10°C...+160°C
 PTFE : -10°C...+160°C
 RUBY : -10°C...+160°C

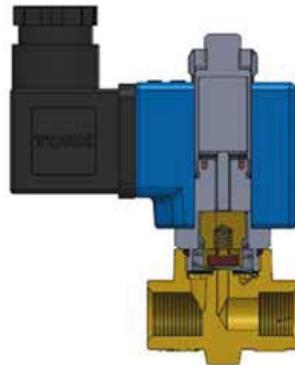
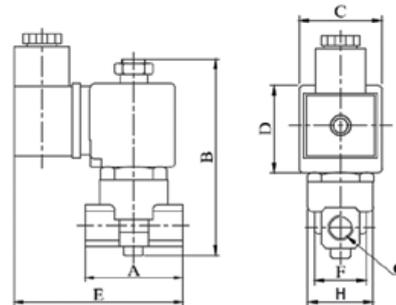


NORMALLY OPEN

2/2 OPERATED

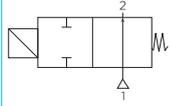
DIRECT ACTING

ΔP=0



Dimensions (mm)

	G	A	B	C	D	E	F	H
1/8"	40	90	32	39	78	22.3	25.6	
1/4"	40	90	32	39	78	22.3	25.6	

Solenoid Valve Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal	Weight
				Bar	Bar			
	S1011HP	G	mm	Bar	Bar	l/min	NOLU	kg
	S1011.01018HP	1/4"	1.8	0	20	1.6	✓	0,35
	S1011.00018HP	1/8"	1.8	0	20	1.6	✓	0,36

STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 120.3)) are available on request.
- TORK solenoid valves 97/23/EC, are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (

Not: Please look catalogues for more details

SMS Sanayi Malzemeleri Üretim & Satış A.Ş.

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