

2/2-Wege-Magnetventil

2/2-Wege-Ausführung

Artikel Nr. 148589

Typen Nr. MVB.ES.230V.G34.0,5-12B



Beispielhafte Darstellung

Die Standardbaureihe in den Ausführungen

- direktgesteuert

- vorgesteuert

Gerätesteckdose nach ISO 4400

Mediumtemperatur max. 130 °C

Technische Informationen

Gewinde	G 3/4 IG
Betriebsdruck	0,5 - 12 bar
Spannung	230 V AC
Gehäuse	Edelstahl 1.4401
Ventilsitz	Edelstahl
Innenteile	Edelstahl
Dichtmaterial	EPDM
Mediumtemperatur	-10 bis 130 °C
Umgebungstemperatur	-10 bis 60 °C
Bauform	4
Schutzart	IP 65
Elektrischer Anschluss	ISO 4400 / EN 175301-803 Bauform A
Gewindenorm	DIN EN ISO 228-1
Öffnung	20,0 mm
A	85,0 mm
B	75,0 mm
C	58,0 mm

Kaufmännische Daten

Zolltarifnummer	84812090
Ursprungsland	TR
eCl@ss 5.1.4	27220601
eCl@ss 9.0	27220601
UNSPSC_Code_v190501	40141605
UNSPSC_CodeDesc_v190501	Solenoid valves

Material Informationen

REACH SVHC1 Stoff Name	lead
CAS-Nr. SVHC 1	7439-92-1
RoHS Werkstoff-Hinweis	RoHS compliant
REACH Info	contains SVHC substance

GENERAL FEATURES

- ## ELECTRICAL CHARACTERISTICS

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 : Stainless Steel (AISI 316)

Internal Parts : Stainless Steel

Sealing : EPDM On request; VITON, NBR

Shading Ring : Copper (EN 12735-1)

Seals, Core Tube, Springs: Stainless Steel

OPTIONS

Female connection: BSP: (On request NPT)

- On request Atex (exproof) coil.

TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cST veva mm²/s)

Response Time : Opening time : 400 ms - 1600 ms

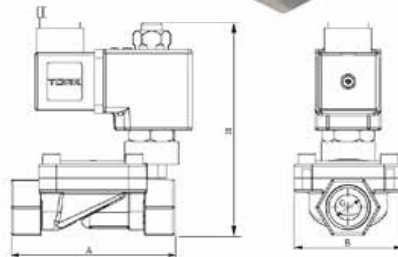
Closing Time : 1000 ms - 2000 ms

SEALS FEATURES

NBR : -10°C...+80°C

EPDM : -10°C...+130°C

VITON : -10°C...+160°C



NORMALLY OPEN

2/2 WAY

PILOT OPERATED

 $\Delta P = 0,5$ 

WATER AIR GAS

Dimensions(mm)

Dimensions (mm)			
G	A	B	H
3/8"	79	52	98
1/2"	79	52	98
3/4"	75	58	130
1"	90	61	117
1 1/4"	110	95	158
1 1/2"	129	95	158
2"	150	110	179

Coils	Nominal Values	Cold/ Hot	Inrush	Holding	Current (A)	Surface Temperature (°C)
C40012VDC18W	12VDC 18W	COLD	19,56	19,56	1,63	20
		HOT	14,52	14,52	1,21	106
C40024VDC18W	24VDC 18W	COLD	20,88	20,88	0,87	25
		HOT	14,64	14,64	0,61	116
C40110VDC18W	110VDC 18W	COLD	19,96	19,96	0,18	23
		HOT	13,56	13,56	0,123	115
C40012VAC15VA	12VAC 15VA	COLD	23,81	16,43	1,3	25
		HOT	-	15,86	1,262	79
C40024VAC15VA	24VAC 15VA	COLD	25,82	15,02	0,62	22
		HOT	-	13,91	0,57	81
C40110VAC15VA	110VAC 15VA	COLD	30,65	15,17	0,137	24
		HOT	-	13,96	0,126	80
C40230VAC15VA	230VAC 15VA	COLD	31,4	15,64	0,068	25
		HOT	-	14,41	0,063	80
C40230VAC24VA	230VAC 24VA	COLD	45,1	23,92	0,0154	23
		HOT	-	21,62	0,0154	100

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
	SSIO31	G	mm	Bar	Bar	l/min	EPDM	VTION	NBR	kg
	SSIO31.02	3/8"	12,5	0,5	12	48	✓	✓	✓	1,15
	SSIO31.03	1/2"	12,5	0,5	12	48	✓	✓	✓	1,1
	SSIO31.04	3/4"	20	0,5	12	108	✓	✓	✓	1,12
	SSIO31.05	1"	25	0,5	12	172	✓	✓	✓	1,3
	SSIO31.06	1 1/4"	30	0,5	12	315	✓	✓	✓	3,55
	SSIO31.07	1 1/2"	39	0,5	12	430	✓	✓	✓	3,45
	SSIO31.08	2"	46	0,5	12	690	✓	✓	✓	3,88

STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 1.20.3)) are available on request

- **TORK solenoid valves 97/23/EC**, are available for pressure equipment directive (PED) and 2006/95/EC low voltage directive (LVD).

Not: Please look catalogues for more details

16.04.2026 Die angegebenen Daten stellen keine rechtlich zugesicherten Eigenschaften dar.