
Closed when de-energised

Pilot-operated diaphragm valve

MV 1351	MV 1361 G
MV 1352	MV 1362 G
MV 1357	MV 1367 G
MV 1358	MV 1368 G

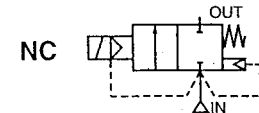
230/50

24 = (G)

CE

Features

- Media valve for shutting off gaseous or liquid media that are compatible with the materials used
- The valves require a minimum working pressure.
- A **compact design, easy installation** and **short response times** are typical features of this modern valve concept
- Any mounting position
- The high-quality materials used for the valves and extensive testing guarantee a long service life


Usage

Compact solenoid valve for use in industrial automation and thermodynamics.

Applications

Art. No. – Ident No.		Medium (2)	Seals	Temperature range (1)
MV 1351 - 102913 MV 1357 - 102919	MV 1361 G - 102930 MV 1367 G - 102936	Mineral oils (2°E), benzine, gas oil	FPM	Medium temp. -10 °C to 140 °C Ambient temp. -10 °C to 80 °C
MV 1352 - 102914 MV 1358 - 102920	MV 1362 G - 102931 MV 1368 G - 102937	Air, inert gases, water	NBR	Medium temp. -10 °C to 90 °C Ambient temp. -10 °C to 80 °C

(1) At temperatures below zero the medium may freeze and damage the valve

(2) Remember to take account of the resistance and viscosity

Electrical data

Valve		Magnet type	Power [W]				Temperature			Degree of protection (EN 60529)
			Pickup	Holding	=	(°C)	Class	CDF		
MV 1351 MV 1352 MV 1357 MV 1358	MV 1361 G MV 1362 G MV 1367 G MV 1368 G	BDA (standard)							8	25
	BDF (class H)	180	H	100%						

Characteristics

Port DIN EN ISO 228-1	Nominal diameter	Valve	Magnet	Kv (l/min)	Operating pressure difference (bar)		Max permissible viscosity	
					Min.	Max.	cSt	°E
G	(mm)	Art. No.	Part No.	(l/min)	~	=	12	~2
3/8	12	MV 1351	400-8223-17	35	0.1	20	10	
		MV 1352	400-8223-17					
		MV 1361 G	400-8024-42					
		MV 1362 G	400-8024-42	45		20	10	
		MV 1357	400-8223-17					
		MV 1358	400-8223-17					
1/2		MV 1367 G	400-8024-42	45	0.1	20	10	
		MV 1368 G	400-8024-42					

Dimensions [mm]

Port

Type		Thread DIN EN ISO 228-1
MV 1351	MV 1361	G 3/8
MV 1352	MV 1362	
MV 1357	MV 1367	G 1/2
MV 1358	MV 1368	

Design features

Part

- Body
- Armature tube
- Stationary armature
- Moving armature
- Phase displacement ring
- Spring
- Seal
- Seat

Material

- Brass 58
 - Stainless steel AISI Series 300
 - Stainless steel AISI Series 400
 - Stainless steel AISI Series 400
 - Copper
 - Stainless steel AISI Series 300
 - NBR / FPM
 - Brass 58
-
- Plug connector
 - Connector conformity
 - Electrical conformity
 - Degree of protection

Magnet

Part No.	Electrical data				
	Power	Voltage		CDF	Approval
	W	AC	DC	%	
400-8223-17	8	230/50		100	CE VDE
400-8024-01	8	24/50			
400-8024-42	8 (11 W cold)		24		
400-8024-41	8 (11 W cold)		12		
400-8110-07		110/60			

On request: 60 Hz / class H with "UL" conformity

Spare

Solenoid valve	Kit	Diaphragm
MV 1351	KTOGOH7KV12	R450916/V
MV 1357		
MV 1361 G		
MV 1367 G		
MV 1352	KTOGOH7KB12	R450916/B
MV 1358		
MV 1362 G		
MV 1368 G		

Installation

- Any mounting position
- Screw connections: G (DIN EN ISO 228-1)
- Other screw connections on request
- Installation and maintenance instructions enclosed with each valve
- Spare parts and replacement solenoids (see above)

Special designs (on request)

- Cable socket with LED