

Closed when de-energised

Pilot-operated diaphragm valve

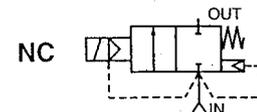
MV 1351	MV 1361 G
MV 1352	MV 1362 G
MV 1357	MV 1367 G
MV 1358	MV 1368 G

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	FKM	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)	0.1	~	=	12	~2
3/8	12	MV 1351	400-8223-17	35	0.1	20	10	12	~2
		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	12	MV 1367 G	400-8024-42	45	0.1	20	10	12	~2
		MV 1368 G	400-8024-42						

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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 / FKM
 Brass 58

Plug connector PG 9 or PG 11
 Connector conformity ISO 4400
 Electrical conformity IEC 335
 Degree of protection IP65, EN 60529 (DIN 40050) (with connector fitted)

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	KTGOH7KV12	R450916/V
MV 1357		
MV 1361 G		
MV 1367 G		
MV 1352	KTGOH7KB12	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