



**Closed when de-energised**

Pilot-operated diaphragm valve

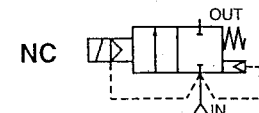
<b>MV 1351</b>	<b>MV 1361 G</b>
<b>MV 1352</b>	<b>MV 1362 G</b>
<b>MV 1357</b>	<b>MV 1367 G</b>
<b>MV 1358</b>	<b>MV 1368 G</b>

**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	<b>FPM</b>	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	<b>NBR</b>	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

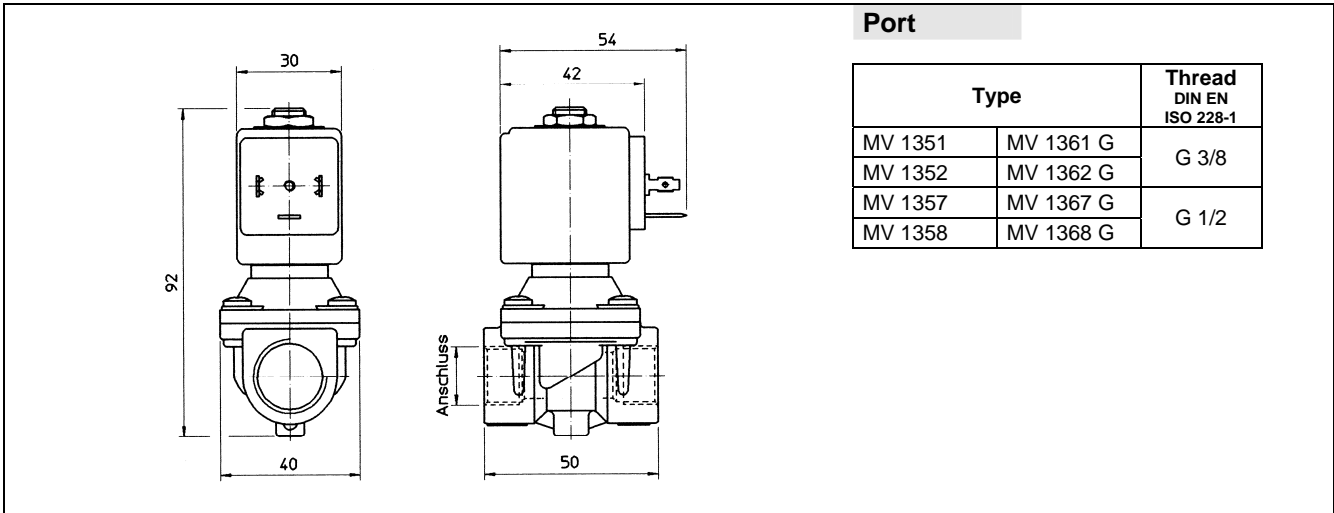
**Electrical data**

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						

**Dimensions [mm]**



**Port**

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

**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

PG 9 or PG 11  
 ISO 4400  
 IEC 335  
 IP65, EN 60529 (DIN 40050) (with connector fitted)

**Magnets**

Part No.	Electrical data				
	Power W	Voltage		CDF %	Approval
		AC	DC		
400-8223-17	8	230/50		100	CE VDE
400-8024-01	8	24/50			
400-8024-42	14		24		
400-8024-41	14		12		
400-8110-07		110/60			UL

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

**Spare parts**

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