



Closed when de-energised

Directly operated piston valve

G 1/4

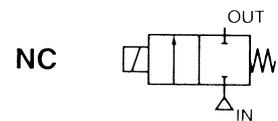
MV 1315	MV 1325 G
MV 1316	MV 1326 G
MV 1317	MV 1327 G

230/50
24 = (G)

CE

Features

- Media valve for shutting off gaseous or liquid media that are compatible with the materials used
- The valves do not require a minimum operating 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 1315 - 102887	MV 1325 G - 102893	Air, inert gases, water, mineral oils (2°E), benzine, gas oil, heavy oil (7°E)	FKM	Medium temp. -10 °C to 140 °C Ambient temp. -10 °C to 80 °C
MV 1316 - 102888	MV 1326 G - 102894			
MV 1317 - 102889	MV 1327 G - 102895			

(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

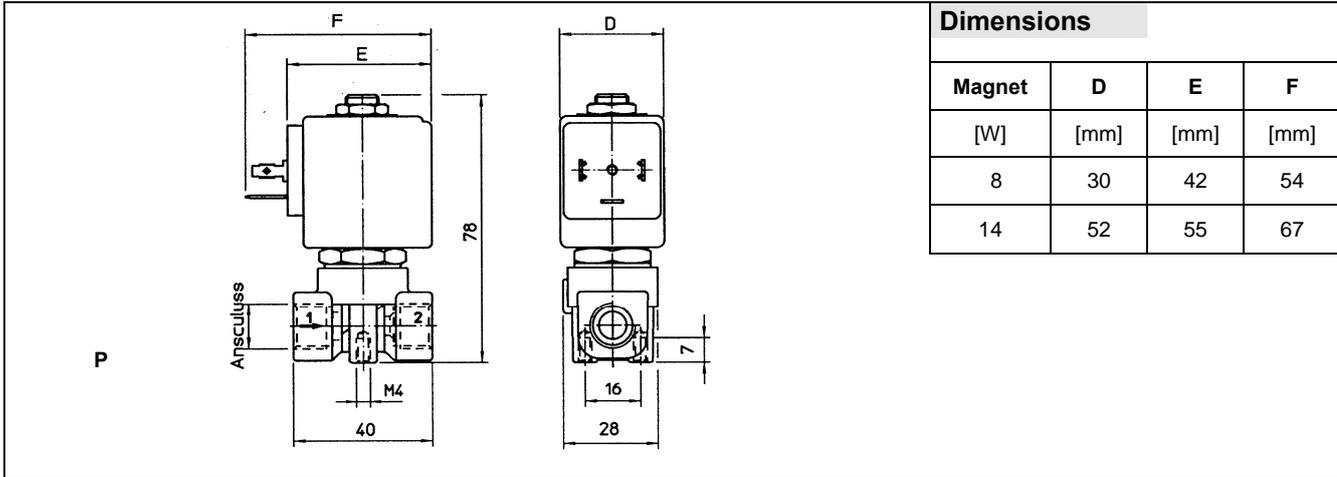
Valve		Magnet	Magnet type	Power [W]				Temperature			Degree of protection (EN 60529)
				Pickup	Holding	=	(°C)	Class	CDF		
MV 1315	MV 1325 G	AC 400-8223-17	BDA							8 (14)	25 (43)
MV 1316	MV 1326 G			DC 400-8024-42	BDF (optional)						
MV 1317	MV 1327 G										

Characteristics

Port DIN EN ISO 228-1	Nominal diameter	Valve	Kv (l/min)	Operating pressure difference (bar)			Max permissible viscosity						
				Min.	Max.		cSt	°E					
G	(mm)	Art. No.	(l/min)		0	~			=	53	~7		
				2.5			MV 1315	3.2				14 (30)	
				3			MV 1316	4				10 (25)	
				4.5			MV 1317	6.5				5 (12)	
				2.5			MV 1325 G	3.2					9 (25)
				3			MV 1326 G	4					6 (20)
4.5	MV 1327 G	6.5		2 (8)									

Bracketed values = with optional BDF solenoid

Dimensions [mm]



Design features

Part	Material
Body	Brass 58
Armature tube	Stainless steel AISI Series 300
Stationary armature	Stainless steel AISI Series 400
Moving armature	Stainless steel AISI Series 400
Phase displacement ring	Copper
Spring	Stainless steel AISI Series 300
Seal	Standard: FKM, Code V; on request: NBR, Code B; EPDM, Code E
Seat	
≤ 3 mm	Insert made of stainless steel AISI Series 300
> 3 mm	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)

Magnets

Part No.	Electrical data				
	Power	Voltage		CDF	Approval
	W	AC	DC	%	Valves
400-8223-17	8	230/50		100	CE VDE
400-2024-01	8	24/50			
400-8024-42	8		24		
400-8012-41	8		12		
400-8110-07		110/60			

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

Spare parts

Solenoid valve	Kit	Diaphragm
MV 1315 MV 1316 MV 1325 G MV 1326 G	KT130KV30-A	--
MV 1317 MV 1327 G	KT130KV55-A	

Installation

- Any mounting position
- Valve bodies have two mounting holes
- 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