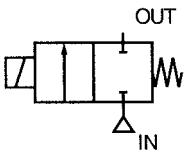
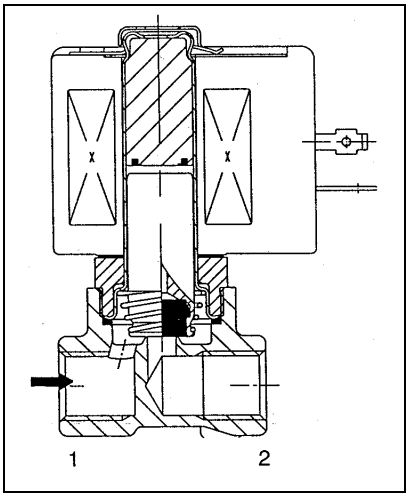
Normally closed
Directly actuated

G 1/4

MV 1215
MV 1225



NC



Description

- *The valves do not require a minimum working pressure.*
- *The valves can be mounted in any position with no functional*
- *restrictions.*
- *The high-quality materials which are used for the valves and a*
- *series of extensive tests guarantee a long service life.*
- *The solenoid valves are in line with international standards.*

General

Pressure difference	0 to 11 bar [1 bar = 100 kPa]
Permissible static pressure	100 bar
Maximum viscosity	65 cSt (mm²/s)
Response time	5 to 25 ms

Medium	Medium temperature (1)	Sealant	Art No.	Ident No.
Air, gas, water, light oil	-25 °C to 80 °C	NBR	MV 1215	102821
	-15 °C to 100 °C	FPM	MV 1225	102822
	-25 °C to 80 °C	NBR	MV 1215 G	102825
	-15 °C to 120 °C	FPM	MV 1225 G	102826

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

Electrical data

Voltages (2)

DC (=) 24 V - 12 V Please use the suffix »**G**« to order **DC valves**
AC (~) 24 V/50 Hz - 110 V/50 Hz - 230 V/50 Hz

(2) Other voltages and 60 Hz frequency on request

Coil type	Power				Ambient temperature (1)	Degree of protection (with socket connector fitted)
	Pickup ~	Holding ~		=		
	(VA)	(VA)	(W)	(W)	(°C)	
CM6-FT	34.0	15.6	6.0	7	-20 to +75	IP 65
On request: CM6-FB	30.0	22.5	9.0	9.5	-20 to +50	IP 65

Characteristics

Con-nec-tion	Nom. width	Flow coefficient (Cv)		Working pressure difference (bar) min.	max. Air/gas		max. Water		max. Oil<65cSt		Coil type		Catalogue number	
G	(mm)	(m³/h)	(l/min)		~	=	~	=	~	=	~	=	~	=
1/4	3.2	0.30	5.0	0	9	4	11	4	6	4	CM6-FT	CM6-FT	MV 1215 MV 1225	MV 1215 G MV 1225 G

Design features

	MV 1215	MV 1225
Housing	**Brass**	**Brass**
Guide pipe	**Stainless steel**	**Stainless steel**
Armature of magnet and counter-armature	**Stainless steel**	**Stainless steel**
Springs	**Stainless steel**	**Stainless steel**
Valve seat	**Brass**	**Brass**
Seals	**NBR**	**FPM**
Valve disc	**NBR**	**FPM**
End ring	**Copper**	**Copper**
Insulation class (coil)	**F**	**F**
Electrical connection	**ISO 4400; connector socket (PG 11P)**	**ISO 4400; connector socket (PG 11P)**
Electrical design	**IEC 335**	**IEC 335**

Main spare parts

Order No.	Spare parts set	Diaphragms
MV 1215 MV 1215 G	302018 302068	Without
MV 1225 MV 1225 G	302018 V 302068 V	Without

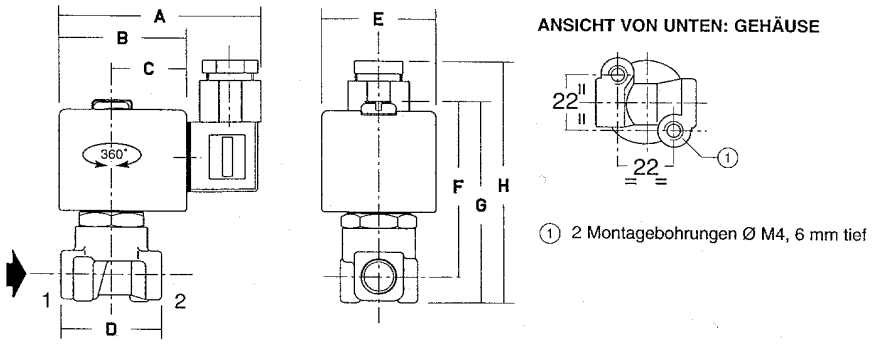
Coils

Order No.	Coils				Insulation class	Max. perm. operating temperature °C	Max. perm. temperature rise °C*	Max. perm. ambient temperature °C**
	~ (2)	V	= (3)	V				
MV 1215 **MV 1225**	400325-101 400325-107 400325-117	24 110 230	400325-141 400325-142	12 24	**FT**	155	80	75

(2) Other voltages and 60 Hz frequency on request
(3) Please use the suffix »G« to order DC valves

* Coil temperature after energising
**Additional effect of the medium temperature within the value range stated in the catalogue

Dimensions [mm], weights [g]



Order No.	MV 1215	MV 1225
A	75	
B	45	
C	27	
D	40	
E	39	
F	65	
G	75	
H	92	
Weight (4)	350	

4) Including coil and connector socket

Special designs (on request)

- Seals and valve disc made of EPDM (ethylene-propylene), PTFE (Teflon), CR (neoprene)
- Flameproof body in accordance with CENELEC and national standards
- Heavy-duty coil
- Assembly clamp for valves with a brass body
- Manual override
- Connector socket with LED and suppressor circuit

Installation

- Any mounting position
- Valve bodies supplied with two mounting holes
- Threaded connections: G = G (ISO 228/1)
- Other threaded connections on request
- Assembly and servicing instructions enclosed with each valve
- Spare parts and replacement coils (see above)