

# Double solenoid valve Rp 3/8 - Rp 2 nominal diameters

DMV-D/11  
DMV-DLE/11

**DUNGS**<sup>®</sup>  
Combustion Controls

7.30



## Technical description

The DUNGS double solenoid valve DMV integrates two solenoid valves in one compact fitting.

- Automatic shut-off valves as per DIN EN 161 Class A Group 2
- Two A valves in one housing
- Double seat valves
- High flow rates
- Max. operating pressure up to 500 mbar (50 kPa)
- Fast closing
- Fast opening (DMV-D/11) or slow opening (DMV-DLE/11) with adjustable fast stroke for start gas volume
- Adjustable main volume
- DC solenoid
- Mountable closed position signal contact
- Threaded flange
- Compact, light-weight

## Application

Double solenoid valves are used where two single valve were mounted previously. In connection with DUNGS gas regulators and additional components, a wide variety of regulating tasks can be performed.

It does not contain any non-ferrous metals, suitable for gases of up to max. 0.1 vol.% H<sub>2</sub>S, dry. Suitable for gases of families 1, 2, 3 and other neutral gaseous media.

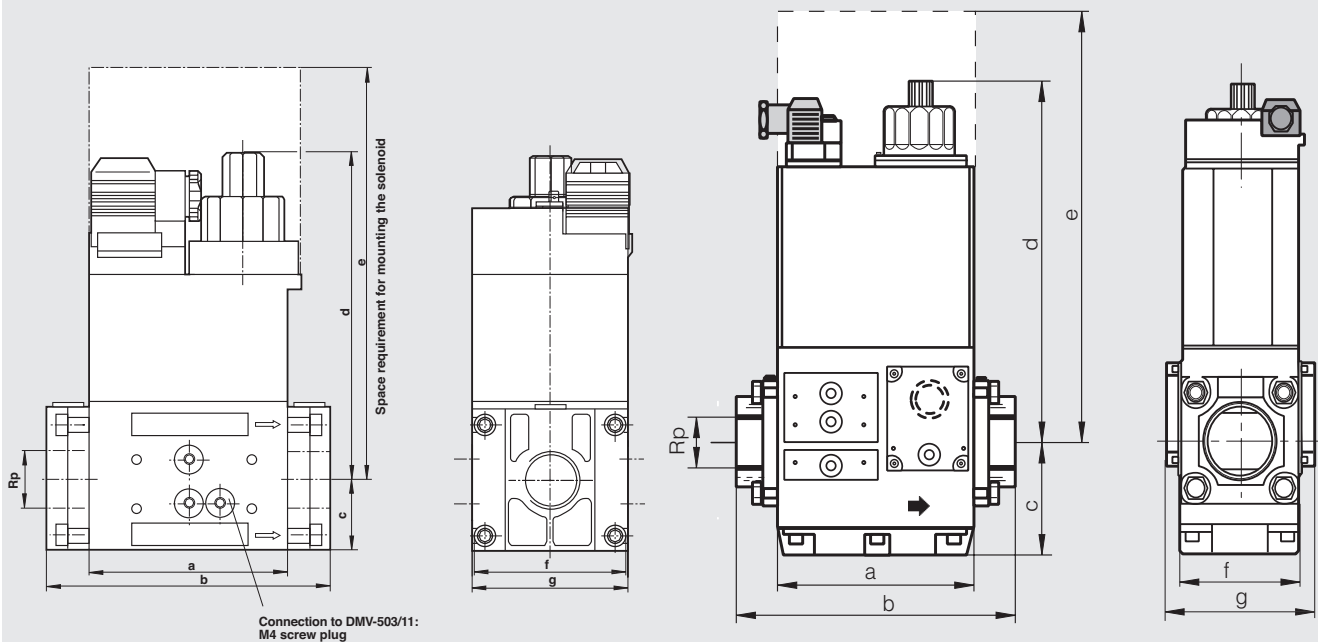
## Approvals

EC type test approval as per EC Gas Appliance Directive:

DMV...503-525/11 CE-0085 AN 2801

Other models available with approval for the North American market: U<sub>L</sub>, FM, CSA as well as approvals in other important gas consuming countries.

## Dimensions for DMV-D/11 and DMV-DLE/11



Version	Order No.	p <sub>max.</sub> [bar]	Connection Rp	Dimensions [mm]							Rating [VA]	Solenoid No.	Switching rate h <sup>1)</sup>	Weight [kg]
				a	b	c	d	e	f	g				
DMV-D 503/11	222 326	0.5	Rp 3/8 - Rp 1/2	77	121	30	109	190	73	73	35	1011	1000	1.7
DMV-D 507/11	222 331	0.5	Rp 1/2 - Rp 1	93	141	35	134	232	73	73	45	1111	1000	2.1
DMV-D 512/11	222 336	0.5	Rp 1 - Rp 2	124	174	45	150	254	99	101	65	1211	1000	4.6
DMV-D 520/11	221 924	0.5	Rp 1 - Rp 2	124	201	45	190	333	99	101	90	1212	1000	5.6
DMV-D 525/11	223 367	0.5	Rp 2	162	243	88	255	400	103	123	110	1411	1000	12.1
DMV-DLE 503/11	222 327	0.5	Rp 3/8 - Rp 1/2	77	121	30	125	190	73	73	35	1011	100	1.8
DMV-DLE 507/11	222 332	0.5	Rp 1/2 - Rp 1	93	141	35	160	232	73	73	45	1111	100	2.2
DMV-DLE 512/11	222 337	0.5	Rp 1 - Rp 2	124	174	45	179	254	99	101	65	1211	100	4.7
DMV-DLE 520/11	222 599	0.5	Rp 1 - Rp 2	124	201	45	218	333	99	101	90	1212	100	5.7
DMV-DLE 525/11	223 373	0.5	Rp 2	162	243	88	275	400	103	123	110	1411	100	12.3

1) Switching rate of DMV-DLE 50.../11 depends on opening time setting

### Flange

### for DMV .../11

Rp 3/8	217 471	–	–	DMV 503/11
Rp 1/2	217 472	–	–	DMV 503/11
Rp 1/2	222 341	<b>NPT 1/2</b>	222 371	DMV 507/11
Rp 3/4	222 342	<b>NPT 3/4</b>	222 368	DMV 507/11
Rp 1	222 001	<b>NPT 1</b>	221 999	DMV 507/11
Rp 1	222 343	<b>NPT 1</b>	222 369	DMV 512/11 - DMV 520/11
Rp 1 1/4	222 344	<b>NPT 1 1/4</b>	222 370	DMV 512/11 - DMV 520/11
Rp 1 1/2	221 884	<b>NPT 1 1/2</b>	222 003	DMV 512/11 - DMV 520/11
Rp 2	221 926	<b>NPT 2</b>	221 997	DMV 512/11 - DMV 520/11
Rp 2	215 384	<b>NPT 2</b>	232 407	DMV 525/11

Plug connection as per DIN EN 175301-803	210 319	DMV 503/11 - DMV 525/11		
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**Important: Always order flange, plug connection and system accessories separately.**