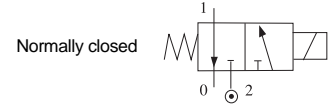




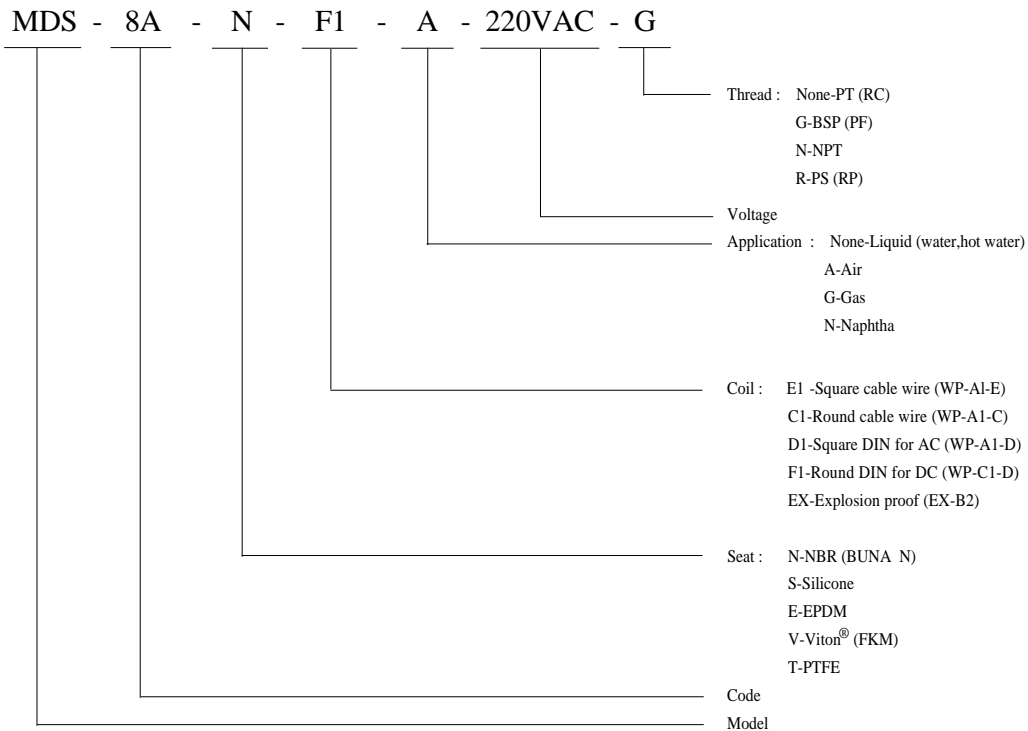
3/2-way solenoid valve of stainless steel body for general application

Direct-operated Type



Model	Port size	Orifice (mm)	CV value	Fluid temp. (°C)	Seat disc	Differential pressure kg/cm ² (bar)			Wt. (kg)
						Liquid	Air	Slight acid & alkali	
MDS - 8A	1/4 "	1.6	0.09	-10	EPDM NBR Viton® Silicone PTFE	0-10	0-10	0-10	0.45
MDS - 8B	1/4 "	2.0	0.11	80 (120)		0-7	0-7	0-7	0.45

How to order



Notes:

1. In order to prolong operating life, it is better to allocate pipe horizontally and to face coil upward.
2. Voltage drop range is within ±10%.
3. Pressure of voltage DC is 70% of voltage AC only.
4. Max. temperature is up to 120°C.
5. Selection of coil refer to page 136~139.
6. PTFE seat is custom-made.

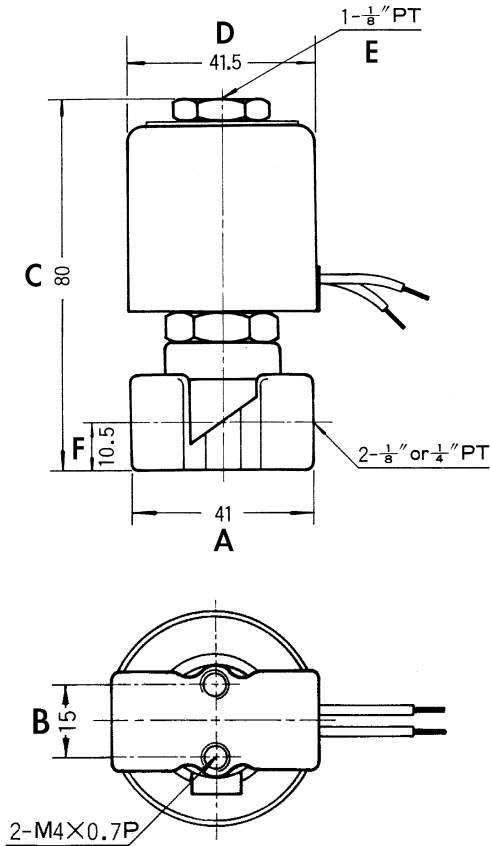
Inapplicable Fluids:

1. Fluids that have kinematic viscosity over 50 CST.
2. Fluids that will turn to liquid after being heated and become solid after being cooled.
3. Strong corrosive fluids.

MDS

3/2-way solenoid valve of stainless steel 316 body for general application

● MDS-8A~8B Specification Chart



● Specifications

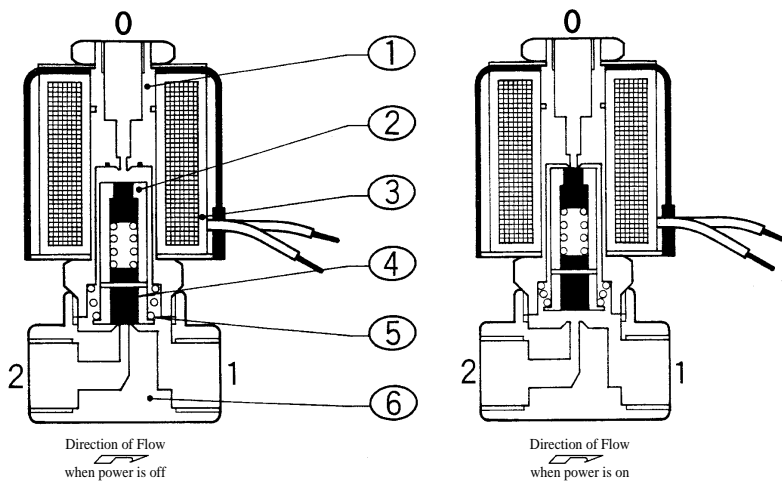
Unit:mm

Item	A	B	C	D	E	F	Coil Model
Model	41	15	80	41.5	1/8"	10.5	WP-A1-C
MDS-8A~8C	41	15	80	53	1/8"	10.5	WP-A1-D*
	41	15	80	58	1/8"	10.5	WP-A1-E
	41	15	80	56	1/8"	10.5	WP-C1-D*

*with connector



● MDS-8A~8B Operation Chart



● Material Table

Item	Article	Material
1	Solenoid Tube	Stainless Steel
2	Armature Core	Stainless Steel
3	Coil	Brass Wire
4	Seat	Synthetic Rubber
5	Spring	Stainless Steel
6	Valve Body	Stainless Steel