

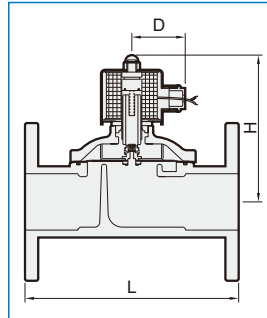
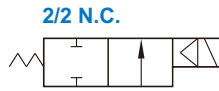
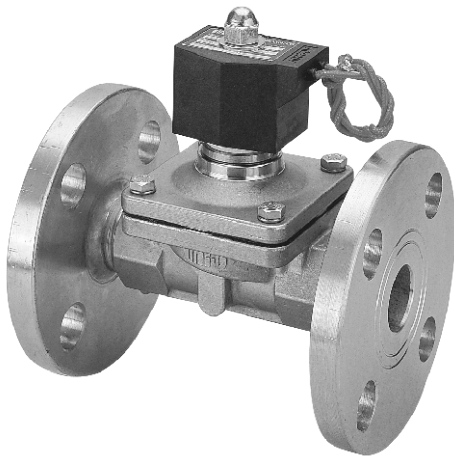
# MSUW-F series



## 2/2 WAY N.C. DIAPHRAGM TYPE SOLENOID VALVE

mindman

2-WAY normally closed / normally open solenoid valve.  
Available fluid: Water, air & light oil.



### Specification

- MSUW-F series is direct multiplex-drive, connected to diaphragm, normal close / normal open.
- Valve body made of investment casting S/S 316.
- Can be operated directly without pressure.
- Other voltage of AC/DC available when required.
- Flange end: JIS 10K, ANSI 150LB or PN-16.
- Viton(130°C), Silicon(130°C), NBR(80°C.).
- AC Voltage tolerance:  $\pm 10\%$ .
- DC Voltage tolerance:  $\pm 1\%$ .

### Material

Parts name	Material
Body	Stainless steel
Coil	Special copper wire (H)
Tube	Stainless steel
Spring	Stainless steel
Core	Stainless steel
Plug	NBR, Viton, Silicon
Diaphragm	NBR, Viton, Silicon

### Order example

MSUW - 25F - □ - □ - V - AC110

MODEL

PIPE SIZE

- 15: 1/2"
- 20: 3/4"
- 25: 1"
- 35: 1 1/4"
- 40: 1 1/2"
- 50: 2"

SEAL MAT'L

- : NBR
- V: Viton
- S: Silicon

VOLTAGE

- AC220V(50/60)Hz
- AC110V(50/60)Hz
- DC24V

FLUID

- : Water, Air
- LO: Light oil (Note. if diesel fuel or gasoline)

COIL

- : Special copper wire
- D: DIN

### Caution

- Pipes must be washed neat and clean before fitted.
- A Y-STRAINER has to be installed in the front of solenoid valve, that is best for long life.

### Not for fluid of

- Liquid when heat, solid when cool.
- Corrosive fluid.
- Viscosity over 20 cst.

Model	DIN	Pipe size	Cv	Orifice (mm)	Fluid temp	Max. operating pressure diff. MPa			Dimensions(mm)			Weight (kg)
						Water	Air	Light oil	L	H	D	
MSUW-15F	●	1/2"	4.5	15	-5~+80°C	0~0.5	0~0.7	0~0.5	110	100	36	1.9
MSUW-20F	●	3/4"	8.6	20	-5~+80°C	0~0.5	0~0.7	0~0.5	120	102	36	2.4
MSUW-25F	●	1"	12	25	-5~+80°C	0~0.5	0~0.7	0~0.5	150	106	36	3.6
MSUW-35F		1 1/4"	24	35	-5~+80°C	0~0.5	0~0.7	0~0.5	170	140	58	6.1
MSUW-40F		1 1/2"	28	40	-5~+80°C	0~0.5	0~0.7	0~0.5	170	140	58	6.4
MSUW-50F		2"	48	50	-5~+80°C	0~0.5	0~0.7	0~0.5	210	170	58	9.3

※ The pressure ratings indicated above are based on AC110V/220V. The maximum pressure may vary in case on DC/AC24V.