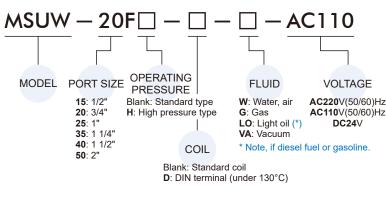
# **MSUW-F** series

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

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



# **Order example**



# **Specification**

- MSUW-F series is direct multiplex acting, connected diaphragm, normal close.
- Able to be operated under low pressure.
- Acceptable for customization Viton (130°C), Silicone (130°C) and EPDM (130°C) for seal plug and diaphragm.
- Flange: JIS 10K (Option: ANSI 150LB or PN-16)
- AC voltage tolerance: ±10%

# DC voltage tolerance: ±1%

### **Material**

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

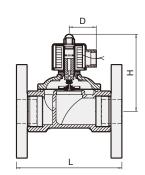
# Caution

- Before pipelining, the pipe line must be very clean without any contaminants or impurity.
- To extend the lifetime, Y-line filter should be installed in the front end of solenoid valve.
- It should be installed horizontally; vertical installation is not advisable.

### Not for fluid of

• Liquid when heat, solid when cool.

- Corrosive fluid. • Viscosity over 20 cst.



Model DI		Port CV	Orifice	Fluid	Operating pressure range (MPa)		High pressure type (MPa)		Vacuum	Dimensions (mm)			Weight		
		size	size CV	(mm)	temp.°C	Water	Air	Light oil	Water	Air	Torr	L	Н	D	(kg)
MSUW-15F	•	1/2"	4.5	15	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	0~10 <sup>-3</sup>	110	100	48	2.2
MSUW-20F	•	3/4"	8.6	20	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	0~10 <sup>-3</sup>	120	100	48	2.5
MSUW-25F	٠	1"	12.0	25	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	0~10 <sup>-3</sup>	151	115	48	4.1
MSUW-35F		1 1/4"	24.0	35	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	0~10 <sup>-3</sup>	170	112	48	6.1
MSUW-40F		1 1/2"	28.0	40	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	0~10 <sup>-3</sup>	170	112	48	6.7
MSUW-50F		2"	48.0	50	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	0~10 <sup>-3</sup>	211	125	48	9.51

\* High pressure type use N.O. coil.

\* Connect air source to outlet port for vacuum application.

\* Please consult your sales representative for waterproof coils and other customization requirement.





 $\langle | \rangle$ 

*M*indmar