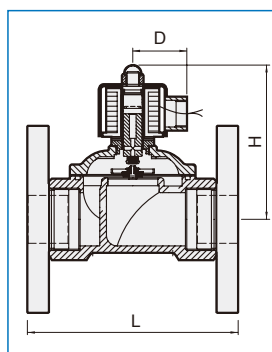
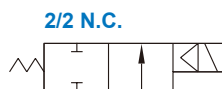


MSUW-F series

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



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



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: $\pm 10\%$
DC voltage tolerance: $\pm 1\%$

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.

Order example

MSUW — 20F — □ — □ — AC110

MODEL

PORT SIZE

FLUID

VOLTAGE

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

COIL

W: Water, air
G: Gas
LO: Light oil (*)
VA: Vacuum

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

* Note, if diesel fuel or gasoline.

Blank: Standard coil
D: Waterproof DIN (under 130°C)

Model	DIN	Port size	CV	Orifice (mm)	Fluid temp. °C	Operating pressuer range (MPa)			High pressure type		Vacuum Torr	Dimensions (mm)			Weight (kg)
						Water	Air	Light oil	Water	Air		L	H	D	
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 ⁻³	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 ⁻³	120	100	48	2.5
MSUW-25F	•	1"	12.0	25	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	0~10 ⁻³	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 ⁻³	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 ⁻³	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 ⁻³	211	125	48	9.51

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

* High pressure type use N.O. coil.