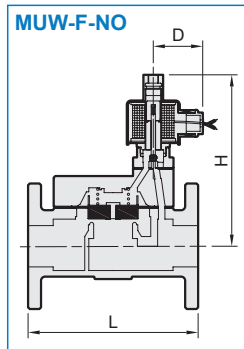
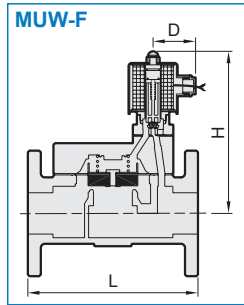
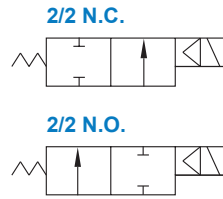


# MUW-F series



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

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



### Specification

- Multiplex acting, piston guiding, conductive and normal close / normal open.
- Acceptable for customize 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	FC-20
Coil	Special copper wire (H class)
Core	Stainless steel
Tube	Stainless steel
Spring	Stainless steel
Plug	NBR
Diaphragm	NBR

### Caution

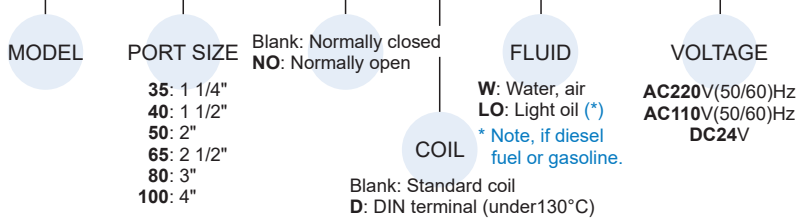
- Min pressure to open (N.C.): over 0.05 MPa  
Min pressure to close (N.O.): over 0.05 MPa
- Before pipelining, the pipe line must be very clean without any contaminants or impurity.
- To extend the lifetime, Y-line filter should be installed in the front end of solenoid valve.
- It should be installed horizontally; vertical installation is not advisable.

### Not for fluid of

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

### Order example

**MUW - 40F - NO - □ - □ - AC110**



	Model	DIN	Port size	CV	Orifice (mm)	Fluid temp. °C	Operating pressure range (MPa)			Dimensions (mm)			Weight (kg)
							Water	Air	Light oil	L	H	D	
NC	MUW-35F		Rc1 1/4"	22	35	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	200	164	48	8.9
	MUW-40F		Rc1 1/2"	30	40	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	200	164	48	9.6
	MUW-50F		Rc2"	40	50	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	210	170	48	11.3
	MUW-65F		Rc2 1/2"	68	65	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	240	177	48	15.6
	MUW-80F		Rc3"	102	80	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	300	191	48	20.8
	MUW-100F		Rc4"	180	100	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	340	207	48	31.7
NO	MUW-35F-NO		Rc1 1/4"	22	35	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	200	195	48	9.1
	MUW-40F-NO		Rc1 1/2"	30	40	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	200	195	48	9.8
	MUW-50F-NO		Rc2"	40	50	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	210	208	48	11.5
	MUW-65F-NO		Rc2 1/2"	68	65	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	240	213	48	15.8
	MUW-80F-NO		Rc3"	102	80	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	300	222	48	21.0
	MUW-100F-NO		Rc4"	180	100	-5~+80	0.05~0.8	0.05~0.8	0.05~0.5	340	238	48	31.9

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