

MUW-NO series

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



Selection table



MU* Reference table



Seal material

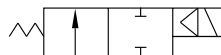


Caution for safety
(Read before installing)

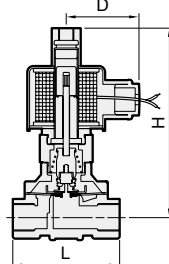
2-WAY normally open solenoid valve.
Available fluid: Water, air, light oil, gas & vacuum.



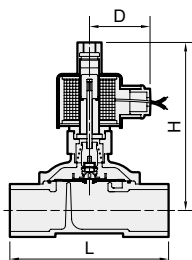
2/2 N.O.



MUW-10~25-NO



MUW-35~50-NO



Specification

- Direct and multiplex acting, connected diaphragm, normal open.
- Can be operated directly under low pressure.
- Acceptable for customization Viton (130°C), Silicone (130°C) and EPDM (130°C) for seal plug and diaphragm.
- AC voltage tolerance: $\pm 10\%$
DC voltage tolerance: $\pm 1\%$

Material

Parts name	Material
Body	Forge brass
Coil	Special copper wire (H class)
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

MUW — 20 — NO — □ — G — AC110 — G

MODEL

PORT SIZE

NO: Normally open

COIL

FLUID

VOLTAGE

PORT THREAD

10: 3/8"
15: 1/2"
20: 3/4"
25: 1"
35-1: 1 1/4"
40-1: 1 1/2"
50-1: 2"

Blank: Standard iron shell coil
D: DIN terminal (under 130°C) (*1)
I: Waterproof terminal (under 130°C) (*1)

W: Water, air
G: Gas
LO: Light oil (*2)
VA: Vacuum

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

Blank: Rc thread
G: G thread
NPT: NPT thread

*1. Please order according to the specification sheet.

*2. Note, if diesel fuel or gasoline.

Model	D / I coil	Port size	CV	Orifice (mm)	Fluid temp. °C	Operating pressure range (MPa)				Vacuum	Dimensions (mm)			Weight (kg)
						Water	Air	Light oil	Gas		L	H	D	
MUW-10-NO	•	Rc3/8"	4.5	15	-5~+80	0~0.5	0~0.7	0~0.5	0~0.7	0~10 ⁻³ Torr	70	128	48	1
MUW-15-NO	•	Rc1/2"	4.5	15	-5~+80	0~0.5	0~0.7	0~0.5	0~0.7	0~10 ⁻³ Torr	70	128	48	0.98
MUW-20-NO	•	Rc3/4"	8.6	20	-5~+80	0~0.5	0~0.7	0~0.5	0~0.7	0~10 ⁻³ Torr	73	133	48	1.12
MUW-25-NO	•	Rc1"	12.0	25	-5~+80	0~0.5	0~0.7	0~0.5	0~0.7	0~10 ⁻³ Torr	100	138	48	1.7
MUW-35-1-NO	•	Rc1 1/4"	24.0	35	-5~+80	0~0.5	0~0.7	0~0.5	0~0.7	0~10 ⁻³ Torr	125	139	48	2.5
MUW-40-1-NO	•	Rc1 1/2"	28.0	40	-5~+80	0~0.5	0~0.7	0~0.5	0~0.7	0~10 ⁻³ Torr	125	145	48	2.9
MUW-50-1-NO	•	Rc2"	48.0	50	-5~+80	0~0.5	0~0.7	0~0.5	0~0.7	0~10 ⁻³ Torr	167	156	48	4.5

* Connect air source to outlet port for vacuum application.

* Please consult your sales representative for other customization requirement.