MUW series

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

mindman

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

Selection table

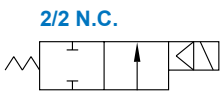
MU* Reference table

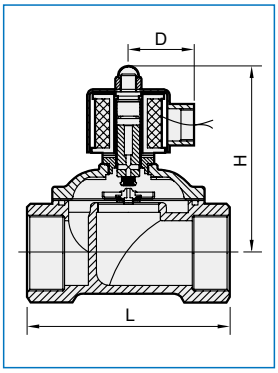
Seal material

Caution for safety
(Read before installing)



2/2 N.C.





Specification

- Direct and multiplex acting, connected diaphragm, N.O.
- 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: ±10%, DC voltage tolerance: ±1%

Material

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

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.
- 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 □ — □ — LO — AC110 — G

MODEL

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

PRESSURE TYPE
Blank: Standard type
H: High pressure type

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

FLUID
W: Water, air
LO: Light oil (*2)

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

PORT THREAD
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 pressuer range (MPa)			High pressure type		Dimensions (mm)			Weight (kg)
						Water	Air	Light oil	Water	Air	L	H	D	
MUW-10	●	Rc3/8"	4.5	15	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	70	100	48	1.01
MUW-15	●	Rc1/2"	4.5	15	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	70	100	48	1
MUW-20	●	Rc3/4"	8.6	20	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	73	107	48	1.14
MUW-25	●	Rc1"	12.0	25	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	100	112	48	1.7
MUW-35-1	●	Rc1 1/4"	24.0	35	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	125	113	48	2.32
MUW-40-1	●	Rc1 1/2"	28.0	40	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	125	118	48	2.53
MUW-50-1	●	Rc2"	48.0	50	-5~+80	0~0.5	0~0.7	0~0.5	0.05~1	0.05~2	167	125	48	4.32

* High pressure type use N/O coil.
* Please consult your sales representative for other customization requirement.