MUAW series

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

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

Selection table

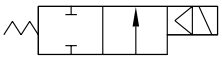
MU* Reference table

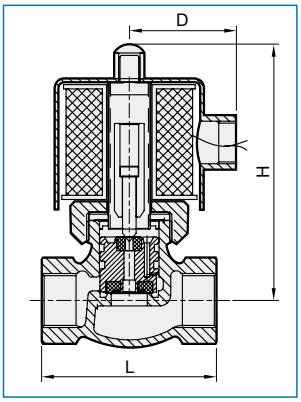
Seal material

Caution for safety
(Read before installing)



2/2 N.C.





Specification

- MUAW series is multiplex acting, piston guide, conductive and normal close.
- AC voltage tolerance: ±10%,
  DC voltage tolerance: ±1%

Material

Parts name	Material
Body	Cast bronze
Coil	Special copper wire (H class)
Core	Stainless steel
Tube	Stainless steel
Spring	Stainless steel
Plug	PTFE+15%GF
Piston	Brass
Piston plug	NBR

Caution

- Min pressure to open: over 0.05~0.1 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 50 cst.
- Temperature over 80°C.

Order example

MUAW — 25 — AC110 — G

MODEL	PORT SIZE	VOLTAGE	PORT THREAD
	15: 1/2" **20**: 3/4" **25**: 1" **35**: 1 1/4" **40**: 1 1/2" **50**: 2"	**AC220**V(50/60)Hz **AC110**V(50/60)Hz **DC24**V	Blank: Rc thread **G**: G thread **NPT**: NPT thread

Model	Port size	CV	Orifice (mm)	Fluid temp.°C	Operating pressuer range (MPa)		Dimensions (mm)			Weight (kg)
					Water	Air	L	H	D	
MUAW-15	Rc1/2"	4.0	17	-5~+80	0.05~1	0.05~1.5	82	125	58	1.60
MUAW-20	Rc3/4"	6.0	17	-5~+80	0.05~1	0.05~1.5	82	125	58	1.67
MUAW-25	Rc1"	12.0	22	-5~+80	0.05~1	0.05~1.5	91	133	58	2.02
MUAW-35	Rc1 1/4"	18.0	30	-5~+80	0.1~1	0.1~1.5	111	141	58	3.08
MUAW-40	Rc1 1/2"	22.0	30	-5~+80	0.1~1	0.1~1.5	111	144	58	3.10
MUAW-50	Rc2"	48.0	50	-5~+80	0.1~1	0.1~1.5	163	175	58	6.82