

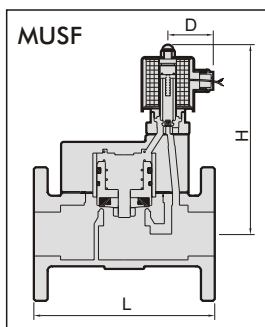
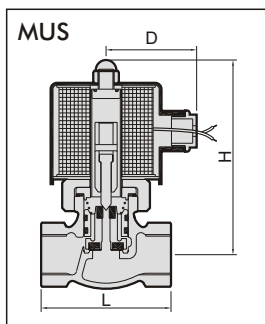
MUS / MUSF series Normally closed

SOLENOID VALVE



2-WAY normally closed solenoid valve.

Available fluid: Water, air, steam & heavy oil.



Specification :

- MUS/MUSF series is multiplex-drive, piston guide, conductive normal close.
- Other voltage of AC/DC available when required.
- The standard product fluid temperature is 185°C (PTFE).
- Flange end: JIS 10K, ANSI 150LB or PN-16.
- AC Voltage tolerance: $\pm 10\%$.
- DC Voltage tolerance: $\pm 1\%$.

Material:

Parts name	Model	MUS	MUSF
Body		Cast bronze	FC-20
Coil		Special copper wire (H)	
Piston		Brass	
Tube		Stainless steel	
Spring		Stainless steel	
Core needle		Stainless steel	
Plug		PTFE+15%GF	PTFE
Bonne/Nut		PTFE	

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.

Not for fluid of:

- Liquid when heat, solid when cool.
- Corrosive fluid.
- Viscosity over 20 cst.
- Temperature over 185°C.

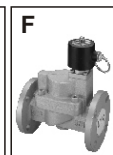
Order example:

MUS - 35 F - □ - AC110 - BSP

MODEL

PIPE SIZE
CODE

TYPE



FLUID

□ : Water, Air
O : Heavy oil (Please indicate the kind.)
T : Steam

VOLTAGE

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

PORT THREAD

Blank: PT thread
BSP: BSP thread
NPT: NPT thread

Model	DIN	Pipe size	Cv	Orifice (mm)	Fluid temp	Max. operating pressure diff. kgf/cm ²				Dimensions(mm)			Weight (kg)
						Water	Air	Steam	Heavy oil	L	H	D	
MUS-15		PT 1/2"	4.0	17	-5~+185°C	0.5~10	0.5~15	0.5~10	0.5~10	82	120	58	1.7
MUS-20		PT 3/4"	6.0	17	-5~+185°C	0.5~10	0.5~15	0.5~10	0.5~10	82	123	58	1.7
MUS-25		PT 1"	12	22	-5~+185°C	0.5~10	0.5~15	0.5~10	0.5~10	91	130	58	2.0
MUS-35		PT 1 1/4"	18	30	-5~+185°C	1~10	1~15	1~10	1~10	110	141	58	3.1
MUS-40		PT 1 1/2"	22	30	-5~+185°C	1~10	1~15	1~10	1~10	110	144	58	3.3
MUS-50		PT 2"	48	50	-5~+185°C	1~10	1~15	1~10	1~10	163	173	58	7.2
MUS-35F		PT 1 1/4"	22	35	-5~+185°C	0.5~10	0.5~10	0.5~10	—	200	206	58	10.5
MUS-40F		PT 1 1/2"	30	40	-5~+185°C	0.5~10	0.5~10	0.5~10	—	200	206	58	11.7
MUS-50F		PT 2"	40	50	-5~+185°C	0.5~10	0.5~10	0.5~10	—	210	223	58	13.5
MUS-65F		PT 2 1/2"	68	65	-5~+185°C	0.5~10	0.5~10	0.5~10	—	240	230	58	19.1
MUS-80F		PT 3"	100	80	-5~+185°C	0.5~10	0.5~10	0.5~10	—	300	249	58	27.0
MUS-100F		PT 4"	175	100	-5~+185°C	0.5~10	0.5~10	0.5~10	—	340	264	58	39.0

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