

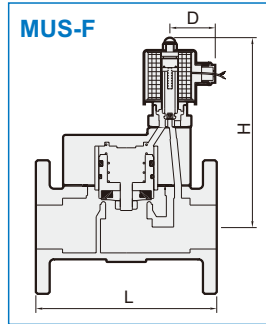
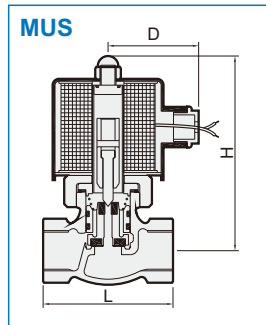
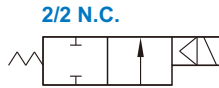
MUS / MUS-F series



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

mindman

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



Specification

- MUS/MUS-F 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: ±10%
DC Voltage tolerance: ±1%.

Material

Parts name	Model	MUS	MUS-F
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 – G

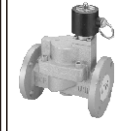
MODEL

PIPE SIZE CODE

TYPE

□: Standard

F: Flange



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: Rc thread
- G: G thread
- NPT: NPT thread (Only for standard type)

Model	DIN	Pipe size	Cv	Orifice (mm)	Fluid temp	Max. operating pressure diff. MPa				Dimensions(mm)			Weight (kg)
						Water	Air	Steam	Heavy oil	L	H	D	
MUS-15		Rc1/2"	4.0	17	-5~+185°C	0.05~1	0.05~1.5	0.05~1	0.05~1	82	120	58	1.7
MUS-20		Rc3/4"	6.0	17	-5~+185°C	0.05~1	0.05~1.5	0.05~1	0.05~1	82	123	58	1.7
MUS-25		Rc1"	12	22	-5~+185°C	0.05~1	0.05~1.5	0.05~1	0.05~1	91	130	58	2.0
MUS-35		Rc1 1/4"	18	30	-5~+185°C	0.1~1	0.1~1.5	0.1~1	0.1~1	110	141	58	3.1
MUS-40		Rc1 1/2"	22	30	-5~+185°C	0.1~1	0.1~1.5	0.1~1	0.1~1	110	144	58	3.3
MUS-50		Rc2"	48	50	-5~+185°C	0.1~1	0.1~1.5	0.1~1	0.1~1	163	173	58	7.2
MUS-35F		1 1/4"	22	35	-5~+185°C	0.05~1	0.05~1	0.05~1	—	200	206	58	10.5
MUS-40F		1 1/2"	30	40	-5~+185°C	0.05~1	0.05~1	0.05~1	—	200	206	58	11.7
MUS-50F		2"	40	50	-5~+185°C	0.05~1	0.05~1	0.05~1	—	210	223	58	13.5
MUS-65F		2 1/2"	68	65	-5~+185°C	0.05~1	0.05~1	0.05~1	—	240	230	58	19.1
MUS-80F		3"	100	80	-5~+185°C	0.05~1	0.05~1	0.05~1	—	300	249	58	27.0
MUS-100F		4"	175	100	-5~+185°C	0.05~1	0.05~1	0.05~1	—	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.