

Caution

- Direct-acting valves are ideally suited to allocate at any angle.
- Voltage drop range is within $\pm 10\%$.
- Pressure of voltage DC is 70% of voltage AC only.
- Fluid temp.: $-10\sim+80^{\circ}\text{C}$ (Naphtha 120°C)

Not for fluid of

- Liquid when heat, solid when cool.
- Corrosive fluid.
- Viscosity over 50 cst.

Dimensions

Model	MXBD		
Code Dimension (mm)	8A/B/C	10A/B	12A
A	36	50	55
B	25	25	27
C	67.5	91.3	94.8
D	78	87	87
E	37	37	37
F	58	64.5	64.5
G	15	15	—
H	10.5	11.7	13
I	1/4"	3/8"	1/2"
N.W (kg)	0.35	0.5	0.55

Order example

MXBD— 8A — N — G — A — AC110 — G

MODEL

PORT SIZE

SEAL MAT'L

COIL

FLUID

VOLTAGE

PORT THREAD

8A, 8B, 8C,
10A, 10B, 12A

N: NBR
V: Viton
S: Silicon
J: EPDM

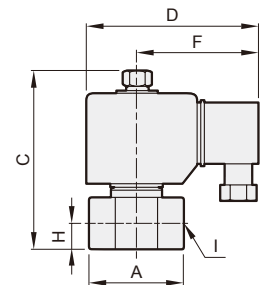
G: Square DIN

W: Water
A: Air
G: Gas
LO: Light oil (*)
VA: Vacuum

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

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

* Note, if diesel fuel or gasoline.



Specification

Model MXBD: Forged brass body, for water, air, gas, naphtha, vacuum.								
Code (Port size)	Seal Mat'l	Orifice mm	Max. operating pressure diff. (0~bar)					CV
			Water	Air	Gas	Naphtha	Vacuum	
8A(1/4")	N S J V	2.5	0~10	0~10	0~10	0~7	0~10 ⁻⁴ Torr	0.23
8B(1/4")		3.5	0~7	0~7	0~7	0~5	0~10 ⁻⁴ Torr	0.42
8C(1/4")		4.5	0~5	0~5	0~5	0~3	0~10 ⁻⁴ Torr	0.61
10A(3/8")		4.0	0~7	0~7	0~7	0~5	0~10 ⁻⁴ Torr	0.58
10B(3/8")		6.0	0~3	0~3	0~3	0~2	0~10 ⁻⁴ Torr	0.79
12A(1/2")		6.0	0~3	0~3	0~3	0~2	0~10 ⁻⁴ Torr	0.79

* Connect air source to outlet port for vacuum application.

