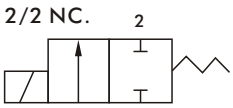
MBS series

SOLENOID **VALVE**

Mindman



Available fluid: Air, gas, water, vacuum, oil etc.

Specification :

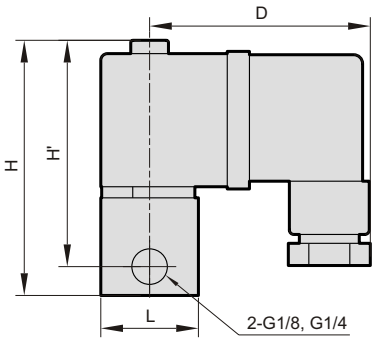
- IP65 waterproof coil
- Continuous cycle, 100% ED
- Ex coil is EExm Ⅱ T4 or EEx ia Ⅱ C T6 PTB approval.
- Ambient temp.:-15 ~ 50℃
- Voltage tolerance: ±8%
- Installing position is free. (You'd better put the coil upright.)

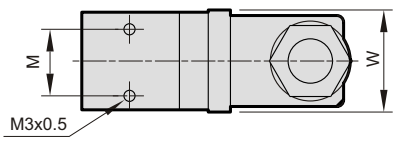
Power consumption:

Coil power	2	3	2E
AC 50/60Hz(VA)	8.5/6.9	8/6	4.8
DC(W)	5.1	6.8	5.2

Dimensions:

Model	MBS	
Code / Dimension (mm)	03	06
D	50	50
H	57	61
H'	51	51
L	□22	33
M	15	11.2
W	23	
N.W.(Kg)	0.15	





Order example:

MBS – 03 – 2 – J – 3 – D – AC

- MODEL
- CODE
  - **03**: (1/8)
  - **06**: (1/4)
- FIG.
  - **1**, **2**, **3**, **4**, **5**
- SEAL MAT'L
  - **N***: NBR
  - **J**: EPDM
  - **V**: VITON
  - **T**: TEFLON
- COIL
  - **2***
  - **3**: Bigger
  - **2E**: Explosion-Proof
- PLUG
  - □: DIN
  - **D**: LED
  - **G**: 1/2"NPTF
  - **K**: Special
  - **Y**: 2Wires
- VOLTAGE

∗ : If you select NBR seal coil 2, "N" "2" can be not shown.

Model **MBS:** Brass body, mini 2/2 way N.C.

Code (PIPE) G	Fig. no.	Mat'l Seal	Mat'l Body	Coil	Orifice mm	Temp.℃ Coil 2 N	Coil 2 J	Coil 2 V	Coil 2 T	Coil 3/2E N	Coil 3/2E J	Coil 3/2E V	Coil 3/2E T	Max. O.P.D. bar (Min. 0 bar) Coil 2 AC	Coil 2 DC	Coil 3 AC	Coil 3 DC	Coil 2E AC	Coil 2E DC	Cv	VAC. torr
03(1/8) 06(1/4)	1	N、J、V、T	C	2、3、2E	1.0	-5 ~ 80	-10 ~ 90			-5 ~ 80	-10 ~ 120		-10 ~ 155	30	20	40	30	20		0.03	10^{-3}
	2				1.2									24	16	35	24	16		0.05	
	3				1.6									16	12	30	12	10		0.09	
	4				2.0									13	10	25	10	7		0.14	10^{-2}
	5				2.4									10	7	20	7	5		0.18	