

Order example

MBD-09-2-V-3-D-AC110

MODEL

CODE

06: 1/4
09: 3/8
10: 3/8
15: 1/2

SEAL MAT'L

N: NBR
V: VITON

FIG.
1,2,3,4,5

COIL
2,3,2E
4,5,3E
(※)

PLUG
□: DIN
O: None
D: LED
G: 1/2" NPT
Y: 2 wires

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

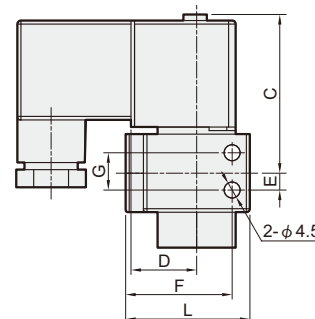
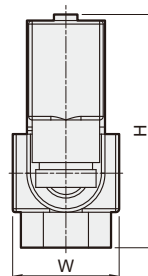
※ Explosion-Proof (2E/3E) coil with LED (D) plug is not applicable.

Specification

- IP65 100% ED coil
- PTB approval EExmII T4 coil

Dimensions

Model	MBD				
Code Dimension (mm)	6	9	10	15	
L	36		46		
H	31		37		
W	69		91		
C	49		67		
D	21		28		
E	8.5		7		
F	30		41		
G	11				
N.W.(Kg)	Coil 2	0.26	0.25	—	
	Coil 3	0.30	0.29	—	
	Coil 2E	0.66	0.65	—	
	Coil 4	—		0.50	0.49
	Coil 5	—		0.59	0.58
	Coil 3E	—		0.84	0.83



Specification

Model MBD : Steel body, for water. air. gas. light oil. vacuum.														
Code (PIPE) G	Seal	Coil	Orifice mm	Temp. °C				Working press. bar						CV
				Coil 2、2E		Coil 3		Coil 2		Coil 3		Coil 2E		
				N	V	N	V	AC	DC	AC	DC	AC	DC	
06 (1/4) 09 (3/8)	N 、 V	2 、 3 、 2E	2.0	-10 } 90	-10 } 90	-10 } 145	13	5	20	10	14	8	0.14	
			2.5				7	2.5	11	6	7	4	0.18	
			3.0				5	2	9	4	5	3	0.27	
			3.5				2	0.5	4	2	3	1	0.30	

Code (PIPE) G	Seal	Coil	Orifice mm	Temp. °C		Working press. bar						CV
				Coil 4、5、3E		Coil 4		Coil 5		Coil 3E		
				N	V	AC	DC	AC	DC	AC	DC	
10 (3/8) 15 (1/2)	N 、 V	4 、 5 、 3E	3.5	-10 } 90	-10 } 160	20	16	25	20	16	16	0.45
			4.0			16	13	20	16	10	13	0.53
			4.5			13	10	16	13	8	10	0.65
			5.0			8	5	12	10	4	5	0.83
			6.0			4.5	1.5	7	3	1.5	1.5	0.95

Power consumption

Coil power	2	3	2E
AC 50/60Hz(VA)	6.9	8.0	5.7
DC(W)	6.0	6.8	5.2

Coil power	4	5	3E
AC 50/60Hz(VA)	19.5	23.0	9.2
DC(W)	15.0	18.5	10.0