

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 °C
- Voltage tolerance: ± 8%
- Installing position is free. (You'd better put the coil upright.)
- The Max. Orifice for seal J=5.0mm, T = 4.0mm, R=2.5mm, Z=5.0mm.

Order example

MCS-06-2-J-5-D-AC110

MODEL

CODE

- 06: 1/4
- 10: 3/8
- 15: 1/2
- 20: 3/4

SEAL MAT'L

- N: NBR
- J: EPDM
- V: VITON
- T: TEFLON
- R: RUBY
- Z: FFKM

COIL

- 4: #4
- 5: Bigger
- 3E: Explosion-Proof (※2)

PLUG

- : DIN
- D: LED
- G: 1/2" NPT
- O: None

VOLTAGE

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

FIG.

- 1, 2, 3, 4, 5,
- 6, 7, 8, 9

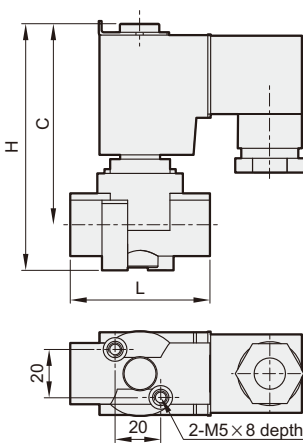
- ※1. When the seal material is (T) TEFLON or (R) RUBY, the valve has slight leakage.
- ※2. Explosion-Proof (3E) coil with LED (D) plug is not applicable.

Weight

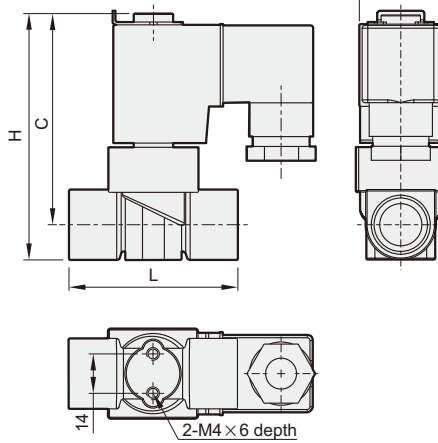
Unit: kg

Model	MCS		
Coil Code	4	5	3E
06	0.4	0.48	0.71
10	0.38	0.46	0.69
15	0.48	0.57	0.80
20	0.53	0.62	0.85
Coil power			
AC (VA)	19.5	23.0	9.2
DC (W)	15.0	18.5	10.0

MCS-06/10



MCS-15/20



Dimensions

Code Dimension(mm)	06	10	15	20
L	49	56	60	
H	86	87.5	91	
C	71	70	73	
W	30 (36)			

(): Dimension for 5, 3E coil.

Model MCS: Forged brass body, 2/2 way N.C.																												
Code (PIPE) G	Fig. no.	Mat'l		Coil	Orifice mm	Temp. °C												Max. O.P.D. bar (Min. 0 bar)						Cv	VAC. torr			
		Seal	Body			Coil 4/3E						Coil 5						Coil 4		Coil 5		Coil 3E						
						N	J	V	T	Z	R	N	J	V	T	Z	R	AC	DC	AC	DC	AC	DC					
06(1/4) 10(3/8) 15(1/2) 20(3/4)	1	N, J, V, T, R, Z	C	4, 5, 3E	1.6												30	20	40	30	25	20	0.12	10 ⁻²				
	2				2.0											20	15	30	20	18	15	0.18						
	3				2.5											14	7	20	15	10	10	0.24						
	4				3.0						-5	-10	-10	-20	-30	-5	-10	-10	-20	-30	10	5	15	10	7	7	0.37	10 ⁻¹
	5				4.0														7	3	10	7	5	4	0.53			
	6				5.0	80	145	160	170	170	80	145	160	185	200	5	2	7	4	3	2.5	0.83						
	7				5.5															3	1.5	5	3	2	2	0.95	1	
	8				7.5															2	1	3	2	1	1	1.10		
	9				10.0															1	0.4	2	1	0.5	0.5	1.30		10