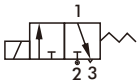
MCT series

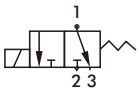
3/2 WAY N.C. PLUNGER TYPE **SOLENOID VALVE**

mindman

3/2 Function 1



3/2 Function 2



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.)
- The Max. Orifice for seal **J**=5.0mm, **T** = 4.0mm, **R**=2.5mm, **Z**=5.0mm.

Order example

MCT – 06 – 2 – N – U – 5 – D – AC110

MODEL

FIG.
1, 2, 3, 4, 5
6, 7, 8, 9

CODE
06: 1/4"
10: 3/8"
15: 1/2"
20: 3/4"

SEAL MAT'L (※1)
N: NBR
J: EPDM
V: VITON
T: TEFLON
R: RUBY
Z: FFKM

EXHAUST ACCESSORIES

U	—	Without
F		PS female
C		Dust-proof & silencer cap
P		1/8"PS male

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

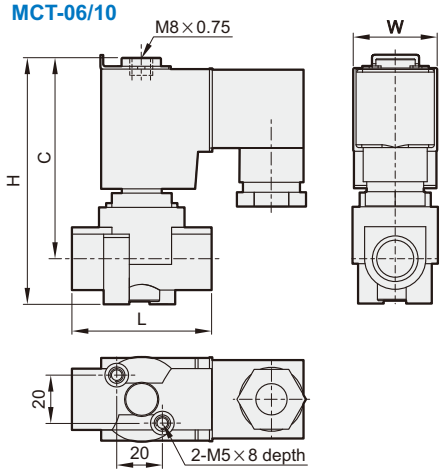
※1. When the seal material is (**T**) TEFLON or (**R**) RUBY, the valve has slight leakage.
※2. Explosion-Proof (**3E**) coil with LED (**D**) plug is not applicable.

Weight

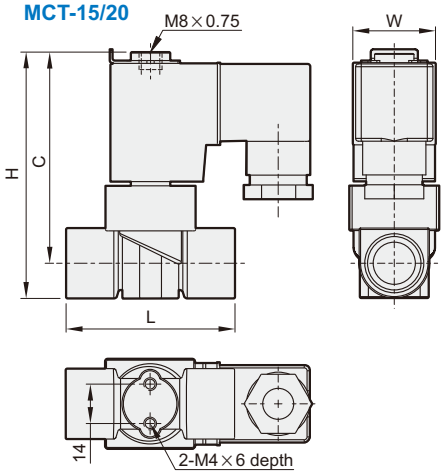
Unit: kg

Model	MCT		
Coil Code	**4**	**5**	**3E**
06	0.4	0.48	0.71
10	0.38	0.46	0.69
15	0.43	0.51	0.74
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

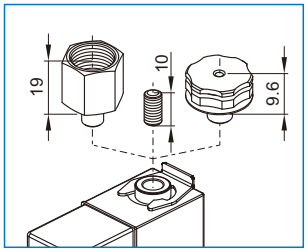
MCT-06/10



MCT-15/20



Exhaust accessories



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 **MCT**: Forged brass body, 3/2 way N.C.

Code (PIPE) G	Fig. no.	Mat'l Seal	Mat'l Body	Coil	Orifice mm Body	Orifice mm Top	Temp.℃ Coil 4 N	Temp.℃ Coil 4 V	Temp.℃ Coil 5/3E N	Temp.℃ Coil 5/3E V	Max. O.P.D. bar (min. 0 bar) Coil 4 AC / DC Function 1	Coil 4 AC / DC Function 2	Coil 5 AC / DC Function 1	Coil 5 AC / DC Function 2	Coil 3E AC / DC Function 1	Coil 3E AC / DC Function 2	Cv
06(1/4)	1	N ` V	C	4 ` 5 ` 3E	1.6	1.6	-5 ~ 80		-5 ~ 80	-10 ~ 95	10	16	14	20	7	10	0.10
10(3/8)	2				2.0						7		10		5		0.15
15(1/2)	3				2.5	2.0					5	13	7	16	4	7	0.20
20(3/4)	4				3.0						4		5		3		0.31
	5				4.0	2.2					2	10	4	13	2	5	0.51
	6				5.0						1		2		1		0.80