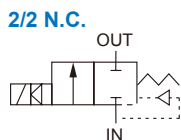


MWA / MWH / MWS series

2/2 WAY N.C. PISTON TYPE **SOLENOID VALVE**



Specification

- IP65 waterproof coil.
- Ex coil is EExm II T4 PTB approval.
- Ambient temp.: -15~50°C
- Voltage tolerance: ±8%
- Installing position is free.
(You'd better put the coil upright)
- Pilot piston series.

Power consumption

Coil power	4	5	3E
AC (VA)	17.6/15.4	33/23	9.2
DC (W)	15	18.5	10

Dimensions

Model	MWA / H / S				
Code Dimension (mm)	10/15	20	25	32/40	45/50
L	71	80	90	97	118
H	136	141	148	171	191
H'	122	114	127	142	156
W	51	61	71	76	95
N.W (kg)	1.3	1.5	1.9	2.9	4.5

Order example

* Standard port thread: Rc thread.
G and NPT thread please contact our sales.

MWA — 10 — N — 4 — □ — F — AC110

MODEL

MWA
MWH
MWS

CODE

10, 15, 20, 25,
32, 40, 45, 50

COIL

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

SEAL MAT'L

N: NBR
V: Viton
T: Teflon (*1)

CONN.

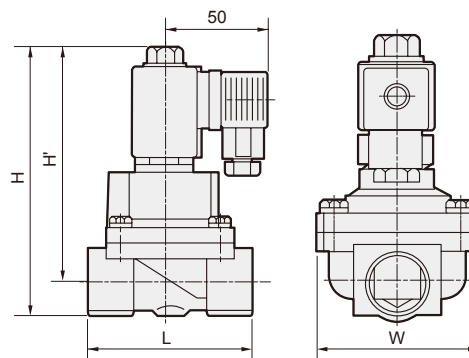
Blank: Screwed
F: Flanged
RF: Raised face
flanged
(Custom order)

VOLTAGE

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

PLUG

Blank: DIN
D: LED
G: 1/2" NPT
Y: Single frequency (only for coil #2)



*1. When the seal material is (T) Teflon, the valve has slight leakage.

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

Specification

Model MWA : Forged brass body, 2/2 way N.C. for air, water, light oil, gas etc.											
Code (Port)	Seal mat'l	Coil	Orifice mm	Temp. °C	Max. O.P.D. bar (min. 0.5 bar)						CV
				Coil 4, 5, 3E	Coil 4		Coil 5		Coil 3E		
				N	AC	DC	AC	DC	AC	DC	
10(3/8)	N	4 5 3E	15	-5 ~ 80	12	6	16	10	7	4	3.0
15(1/2)			12		6	16	10	7	4	4.0	
20(3/4)			12		6	16	10	7	4	6.8	
25(1)			9		3	13	7	5	3	11.0	
32(1 1/4)			9		3	13	7	5	3	16.0	
40(1 1/2)			9		3	13	7	5	3	21.0	
45(1 1/2)			6		2	10	5	3	1	26.0	
50(2)			6		2	10	5	3	1	31.0	

Model MWH : Forged brass body, 2/2 way N.C. for heavy oil. high viscosity fluids (Max. 120 cst) etc.											
Code (Port)	Seal mat'l	Coil	Orifice mm	Temp. °C	Max. O.P.D. bar (min. 0.5 bar)						CV
				Coil 4, 5, 3E	Coil 4		Coil 5		Coil 3E		
				V	AC	DC	AC	DC	AC	DC	
10(3/8)	V	4 5 3E	15	-10 ~ 145	7	3	15	10	5	3	3.0
15(1/2)			7		3	15	10	5	3	4.0	
20(3/4)			7		3	15	10	5	3	6.8	
25(1)			5		2	13	7	4	2	11.0	
32(1 1/4)			5		2	13	7	4	2	16.0	
40(1 1/2)			5		2	13	7	4	2	21.0	
45(1 1/2)			3		1	10	5	3	1	26.0	
50(2)			3		1	10	5	3	1	31.0	

Model MWS : Forged brass body, 2/2 way N.C. for steam. high temp. fluids etc.												
Code (Port)	Seal mat'l	Coil	Orifice mm	Temp. °C		Max. O.P.D. bar (min. 0.5 bar)						CV
				Coil 4	Coil 5,3E	Coil 4		Coil 5		Coil 3E		
				T	T	AC	DC	AC	DC	AC	DC	
10(3/8)	T	4 5 3E	15	-10 ~ 155	-10 ~ 185	5	3	10	7	5	3	3.0
15(1/2)			5			3	10	7	5	3	4.0	
20(3/4)			5			3	10	7	5	3	6.8	
25(1)			4			2	10	5	4	2	11.0	
32(1 1/4)			4			2	10	5	4	2	16.0	
40(1 1/2)			4			2	10	5	4	2	21.0	
45(1 1/2)			3			1	10	3	3	1	26.0	
50(2)			3			1	10	3	3	1	31.0	