

MW* series

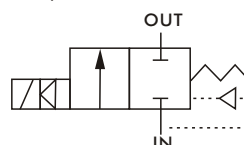
SOLENOID VALVE



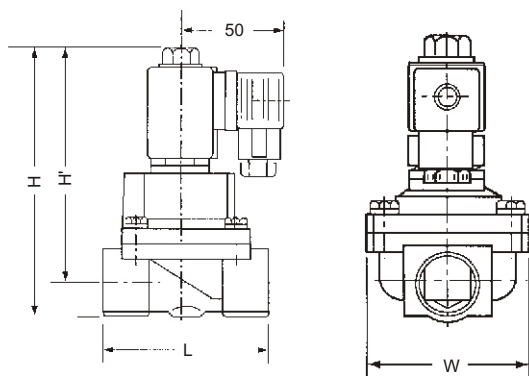
Specification :

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

MWA/S/H Normally close
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



Model	MWA/S/H				
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:

MWA-10-N-4-□-F-V

MODEL
MWA
MWS
MWH

SEAL MAT'L
N : NBR
J: EPDM
V: VITON
T①: TEFLON

PLUG
□: DIN
D: LED
G: 1/2"NPTF
K: Single Frequency

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

COIL
4: Smaller coil for WA only
5②: Standard coil
E③: Explosion-Proof

CONN.
□: Screwed
F: Flanged

VOLTAGE

① When the seal material is TEFLON . the valve has slight leakage which is below 400cc /min. measured by air.

② If you need MWA with NBR seal. MWS with TEFLON seal. MWH with VITON seal or coil 5, "N""T"."V" or "5" can be not shown.

③ Explosion-proof coil is DIN PLUG with cable only.

Specification:

Model **MWA** : Forged brass body ,normally close, for air. water.light oil.gas etc.

PIPE G	Code No.	Seal mat'l	Coil	Orifice mm	Temp. °C								Max. O.P.D. bar(min. 0.5bar)						CV
					Coil 4			Coil 5/3E					Coil 4		Coil 5		Coil 3E		
					N	J	V	T	N	J	V	T	AC/DC		AC/DC		AC/DC		
3/8	10	N 、 J 、 V	4 、 5 、 3E	15	-5 、 80	—	-5 、 95	-10 、 150	—	10	5	16	10	7	4	3.0			
1/2	15			4.0															
3/4	20			20						6.8									
1	25			25						11.0									
1-1/4	32			31						16.0									
1-1/2	40			41						21.0									
	45																		
2	50			50						26.0									
			31.0																

Model **MWS** : Forged brass body ,normally close, for steam. high temp.fluids etc.

PIPE G	Code No.	Seal mat'l	Coil	Orifice mm	Temp. °C								Max. O.P.D. bar (min. 0.5bar)						CV	
					Coil 4				Coil 5/3E				Coil 4		Coil 5		Coil 3E			
					N	J	V	T	N	J	V	T	AC/DC		AC/DC		AC/DC			
3/8	10	V 、 T	5 、 3E	15	—				—				—		10		7	5	3	3.0
1/2	15			4.0																
3/4	20			6.8																
1	25			11.0																
1-1/4	32			16.0																
1-1/2	40			21.0																
	45			26.0																
2	50			41																31.0

Model **MWH** : Forged brass body ,normally close, for heavy oil. high viscosity fluids (Max. 120 cst) etc.

Model: WFF-1 Forged brass body, normally closed, for heavy oil, high viscosity fluids (max. 120 cSt, etc.)																					
PIPE G	Code No.	Seal mat'l	Coil	Orifice mm	Temp. °C										Max. O.P.D. bar(min. 0.5bar)						CV
					Coil 4				Coil 5/3E				Coil 4		Coil 5		Coil 3E				
					N	J	V	T	N	J	V	T	AC/DC		AC/DC		AC/DC				
3/8	10	V 、 T	5 、 3E	15	—				—				—				15	10	5	3	3.0
1/2	15			4.0																	
3/4	20			6.8																	
1	25			11.0																	
1-1/4	32			16.0																	
1-1/2	40			21.0																	
	45			26.0																	
2	50			31.0																	