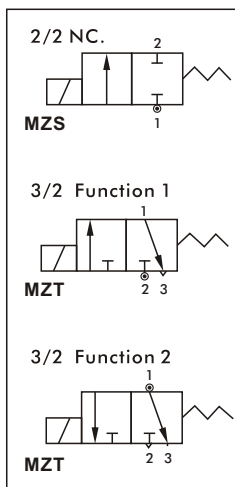


MZS / MZT series

2/2, 3/2 Way N.C. Plunger series direct acting solenoid valve



Specification :

- IP65 100% ED coil.
- PTB approval EExmIIT4 coil.

Dimensions:

Model	MZS / MZT				
Code Dimension (mm)	03	06	10	15	20
A	65.5	67.5	73.6		
B	74.5	80.5	90.5		
C1	8.0	9.5	7.0		
C2	16.0	19.0	14.0		
E	32.0	32.0	32.0		
F	G1/8	G1/4	G3/8	G1/2	G3/4
H	M4×0.5	M4×0.7			
L	41.2	51.4	61.0		
N.W.(g)	Coil 4	360	360	440	550
	Coil 5	440	440	520	630
	Coil 3E	670	670	750	860

Order example:

MZT-06-2-N-C-5-□-AC110

MODEL
MZS
MZT

CODE
03 : 1/8
06 : 1/4
10 : 3/8
15 : 1/2
20 : 3/4

SEAL MAT'L
N : NBR
J : EPDM
V : VITON
Z : FFKM

COIL
4 : Standard
5 : Bigger
3E : Explosion-Proof

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

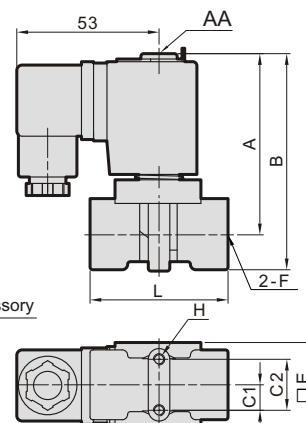
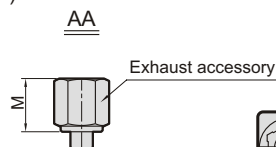
VOLTAGE
AC220V(50/60)Hz
AC110V(50/60)Hz
DC24V

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

EXHAUST ACCESSORY (only for model MZT)

U	—	Without	M Size
F		PS female	19.0
C		With cap*	9.5
P		1/8" PS male	12.0

* C means with dust-proof and silencer cap. Material:PA.



Specification:

Model MZS : Forged brass body, 2/2 way N.C., for water, air, steam, gas, light oil.

Code (PIPE) G	Fig NO.	Seal mat'l	Coil	Orifice mm	Temp. °C				Max. O.P.D. bar (Min. 0 bar)						Cv	VAC. torr
					Coil 4/5/3E			Coil 5/3E	Coil 4		Coil 5		Coil 3E			
					N	J	V	Z	AC	DC	AC	DC	AC	DC		
03(1/8) 06(1/4)	1	N 、 J 、 V 、 Z	4 、 5 、 3E	1.6	-5 95	-10 145	-20 185	30	20	40	30	20	0.12	10 ⁻³		
	2			2.0				20	15	30	20	15	0.18			
3	2.5			14				7	20	15	10	0.24				
4	3.0			10				5	15	10	5	0.37				
15(1/2) 20(3/4)	5			4.0				7	3	10	7	3	0.53	10 ⁻²		
6	5.0			5				1	7	4	1	0.83				

Model MZT : Forged brass body, 3/2 way N.C., for water, air, steam, gas, light oil.

Code (PIPE) G	Fig NO.	Seal mat'l	Coil	Orifice mm		Temp. °C			Max. O.P.D. bar (Min. 0 bar)						Cv	VAC. torr		
									Coil 4		Coil 5		Coil 3E					
						AC / DC												
				Body	Top	Coil 4/5/3E			Function									
									1	2	1	2	1	2				
03(1/8) 06(1/4) 10(3/8) 15(1/2) 20(3/4)	1	N 、 V 、 Z	4 、 5 、 3E	1.3	1.6	-5 80	-10 145	-20 145	10	13	13	16	10	13	0.08	10 ⁻²		
	2			7					10		7		13		0.10			
	3			5					7		5		10		0.15			
	4			4					5		13		4		10		0.20	
	5			3					4		3		10		0.31			
	6			2					7		3		10		2		7	0.54
	7			1					5		2		7		1		7	0.80

Power consumption:

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