

# MUSC series

## 2/2 WAY DIRECT ACTING N.C. SOLENOID VALVE



Order example:

**MUSC-06-2-N-3-D-AC110**

MODEL

CODE

03 : 1/8  
06 : 1/4  
08 : 1/4  
10 : 3/8

SEAL MAT'L

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

PLUG

□ : DIN  
D : LED  
G : 1/2" NPT  
Y : 2 wires

VOLTAGE

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

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

COIL  
2, 3, 2E,  
4, 5, 3E

(※1) When the seal material is (T) TEFLON or (R) RUBY, the valve has slight leakage.

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

### Specification:

Model **MUSC** : 303 S.S. Bar body, for water, air, gas, oil, vacuum.

Code (PIPE) G	Fig NO.	Seal mat'l	Coil	Orifi ce mm	Temp. °C					Max. O.P.D. bar (Min. 0 bar)						Cv	VAC torr
					Coil 2		Coil 3/2E			Coil 2		Coil 3		Coil 2E			
					N	J V T	N	J V	T	AC	DC	AC	DC	AC	DC		
03(1/8) 06(1/4)	1	N 、 J 、 V 、 T	2 、 3 、 2E	1.0	-5 }	-10 }	-5 }	-10 }	-10 }	24	16	35	30	20		0.03	10 <sup>-3</sup>
	2			1.2						20	14	30	24	16		0.05	
	3			1.6						16	12	25	16	14		0.09	
	4			2.0						13	10	20	12	10		0.14	10 <sup>-2</sup>
	5			2.4						10	7	15	10	7		0.18	
	6			3.0						7	5	10	7	5		0.27	
	7			5.0						2	1	4	2	1		0.40	

Code (PIPE) G	Fig NO.	Seal mat'l	Coil	Orifi ce mm	Temp. °C						Max. O.P.D. bar (Min. 0 bar)						Cv	VAC torr
					Coil 4			Coil 5/3E			Coil 4		Coil 5		Coil 3E			
					N	J V	TRZ	N	J V	TRZ	AC	DC	AC	DC	AC	DC		
08(1/4) 10(3/8)	1	N 、 J 、 V 、 T 、 R 、 Z	4 、 5 、 3E	1.6	-5 }	-10 }	-10 }	-5 }	-10 }	-10 }	30	20	40	30	20	14	0.10	10 <sup>-4</sup>
	2			2.0							20	14	30	20	14	10	0.15	
	3			2.5							14	10	20	14	10	7	0.20	
	4			3.0							10	7	14	10	7	5	0.31	10 <sup>-3</sup>
	5			4.0							7	4	10	7	5	4	0.54	
	6			5.0							5	3	7	4	4	3	0.80	
	7			6.0							4	2	5	3	3	2	0.95	
	8			7.5							3	1	3	2	2	1	1.10	10 <sup>-2</sup>
	9			10.0							1	0.5	2	1	1	0.5	1.30	

\* The Max. Orifice for seal T = 4.0mm, R=3.0mm, Z=5.0mm.

\* Seal T and R will have slight leakage, so it will not be suitable for vacuum. Evaporable and flammable danger fluids.

### Specification :

- IP65 waterproof coil.
- Continuous cycle, 100% ED.
- Ex coil is EExm II T4 or EEx ia II C T6 PTB approval.

### Power consumption:

Coil power	2	3	2E	4	5	3E
AC(VA)	6.9	8.0	4.8	15.4	23.0	9.2
DC(W)	6.2	6.8	5.2	15.0	18.5	10.0

### Dimensions:

Model	MUSC			
Code Dimension (mm)	03	06	08	10
A	18.0	23.0	31.0	31.0
B	M4	M4	M5	M5
C	50.0	50.0	53.0	53.0
D	7.0	8.0	11.5	11.5
F	22.0	22.0	29.0	29.0
H	56.5	62.0	85.0	85.0
L	25.0	30.0	40.0	40.0
N.W.(Kg)	0.23	0.28	0.52	0.60

