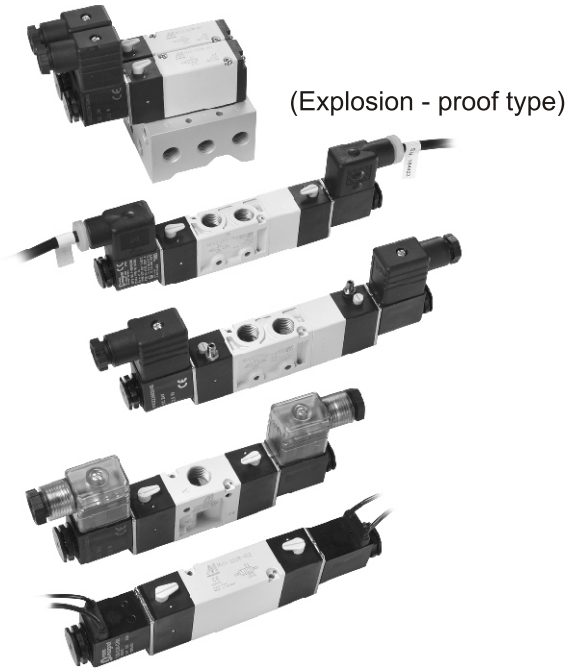


# MVSC-220 series

## SOLENOID VALVE



mindman



### Specification

Model	3E1	3E2	4E1	4E2	4E2C.P.R
Bore No.	8A		6A, 8A		
Port size	Rc1/4		Rc1/8, Rc1/4		
No. of port	3		5		
No. of position	2		2		3
Medium	Air				
Operating pressure range	0.2~0.7 MPa			0.3~0.7 MPa	
Operating pressure (LP)	0~0.7 MPa				
External pilot pressure (LP)	0.2~0.7 MPa			0.3~0.7 MPa	
Proof pressure	1 MPa				
Effective orifice	18 mm <sup>2</sup>			16 mm <sup>2</sup>	
Response time	30 ms			40 ms	
Ambient temperature	-5~+50℃ (No freezing)				
Voltage	AC110V, 220V (50/60)Hz, DC24V				
Power consumption	<b>AC=4.8/4.4VA, 6/4.9VA, DC=2W</b>				
Available voltage range	±10%				
Insulation class	F class				
Weight	203 g	296 g	184 g	292 g	338 g

### Order example of valve

MVSC - 220M - 4E2C - NC - 6A - AC110 - L - LP - G

MODEL

BODY WIDTH

Blank: body ported type  
M: manifold type

3: 3way  
4: 4way

E1: Single Solenoid  
E2: Double Solenoid

C: Closed center  
P: Pressure center  
R: Exhaust center  
D: Differential  
(Only for 4E2 type)

BORE SIZE

6A: Rc1/8  
8A: Rc1/4

NC: Normally closed  
NO: Normally open  
(Only for 3E1 type)

VOLTAGE

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

LP: External pilot

Blank: DIN connector  
L : DIN connector with LED indicator  
E : Explosion protection (Table 1)  
W : Lead wire

PORT THREAD

Blank: Rc thread  
G: G thread  
NPT: NPT thread  
(Only for body ported type)

### Order example of manifold

MVSC - 220M - 5M3 - G

MODEL

Blank: body ported type  
M: manifold type

MANIFOLD

3B: 3way (for body ported type)  
5B: 4way (for body ported type)  
5M: 4way (for manifold type)

MANIFOLD NUMBER

1, 2, 3...

PORT THREAD

Blank: Rc thread  
G: G thread  
NPT: NPT thread

Table 1

### Property for explosion-proof type

Anti-explosion class	EEx m II T4
Voltage	AC110V, 220V, (50/60)Hz, DC24V.
Power consumption	AC=4.4VA DC=5W
Available voltage range	±10%
Insulation class	F class

