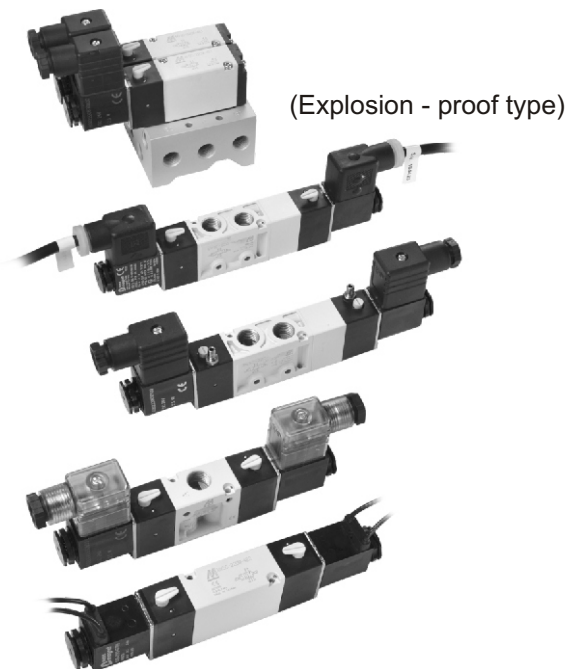


MVSC-220 series

SOLENOID VALVE



Specification:

Model	MVSC-220-3E1,E2		MVSC-220-4E1,E2		MVSC-220-4E2C.P.R
Bore No.	8A				
Port size	PT 1/4				
No. of port	3		5		
No. of position	2		2		3
Medium	Air				
Operating pressure range	2~7 kgf/cm ²			3~7 kgf/cm ²	
Operating pressure (LP)	0~7 kgf/cm ²				
External pilot pressure (LP)	2~7 kgf/cm ²			3~7 kgf/cm ²	
Proof pressure	10 kgf/cm ²				
Effective orifice	18 mm ²			16 mm ²	
Response time	30 ms			40 ms	
Ambient temperature	- 5~ + 50℃ (No freezing)				
Voltage	AC110V, 220V (50/60)Hz, DC24V				
Power consumption	AC=6/4.9VA, DC=2.5W				
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 - AC110 - L - BSP

MODEL

BODY WIDTH

VOLTAGE

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

PORT THREAD

Blank: PT thread
BSP: BSP thread
NPT: NPT thread
(Only for body ported type)

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
(Only for 4E2 type)

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

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

Order example of manifold:

MVSC - 220M - 5M3 - BSP

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: PT thread
BSP: BSP thread
NPT: NPT thread

Table 1

Property for explosion-proof type

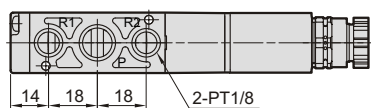
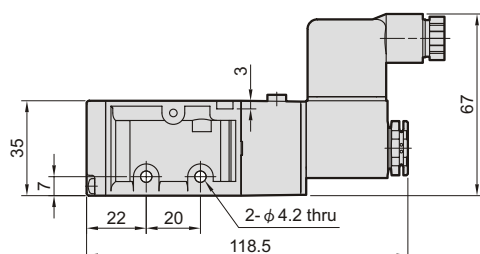
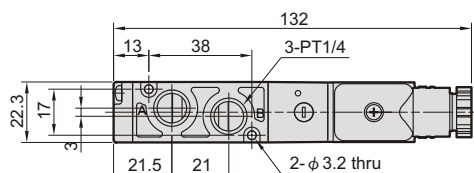
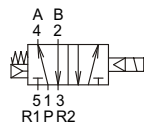
Anti-explosion class	EEx m II T4
Voltage	AC110V, 220V, (50/60)Hz, DC24V.
Power consumption	AC=4.4VA DC=5W
Available voltage range	± 10%
Insulation class	F class

MVSC-220 Dimensions

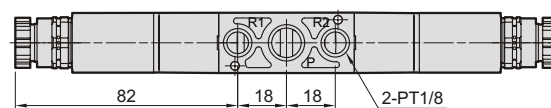
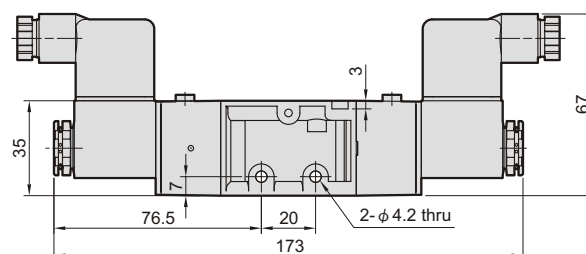
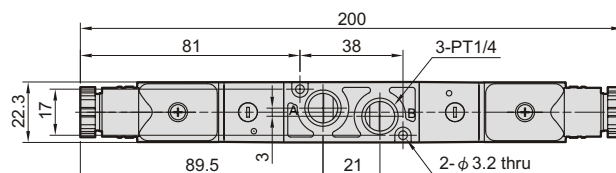
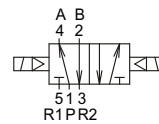
SOLENOID VALVE



MVSC-220-4E1

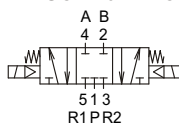


MVSC-220-4E2

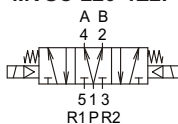


MVSC-220-4E2C.PR

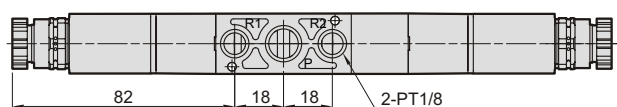
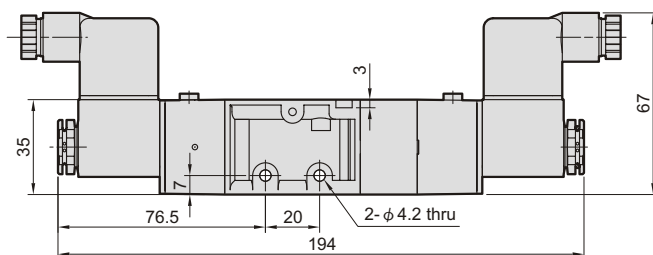
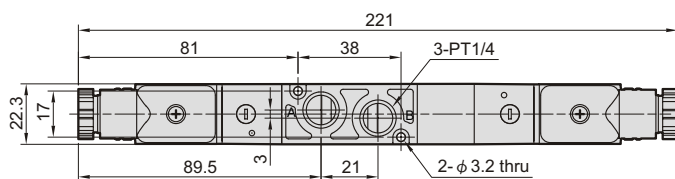
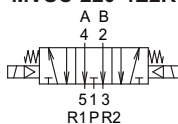
MVSC-220-4E2C



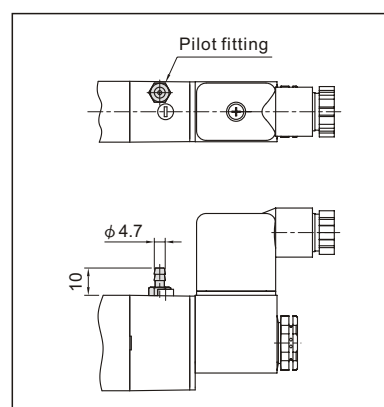
MVSC-220-4E2P



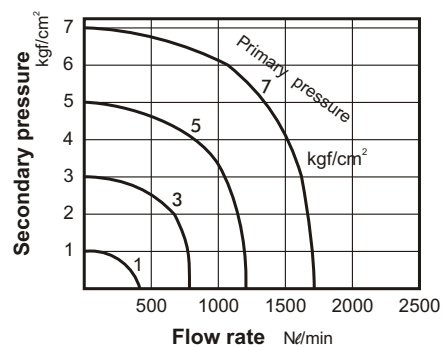
MVSC-220-4E2R



LP



Flow features:

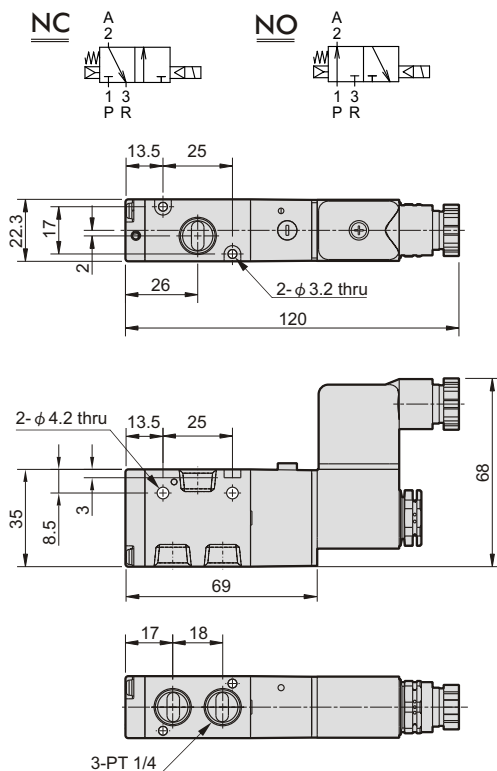


MVSC-220 Dimensions / Manifold

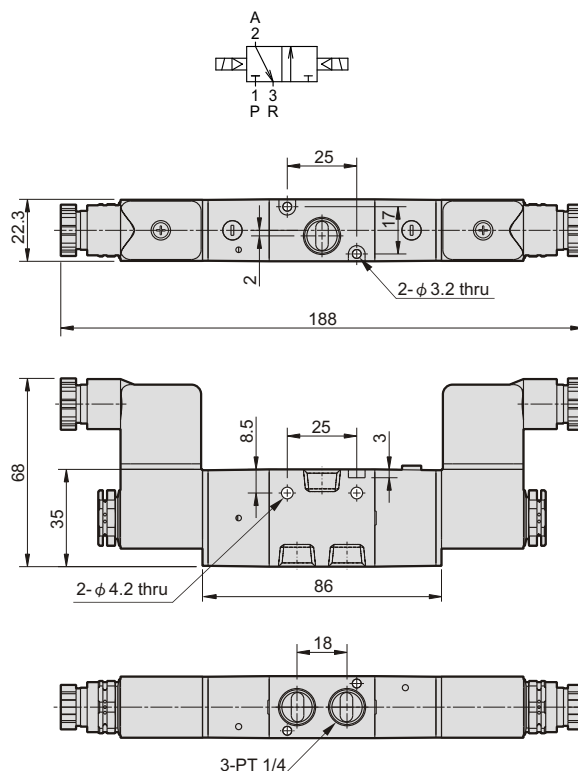
SOLENOID VALVE



MVSC-220-3E1-NC/NO



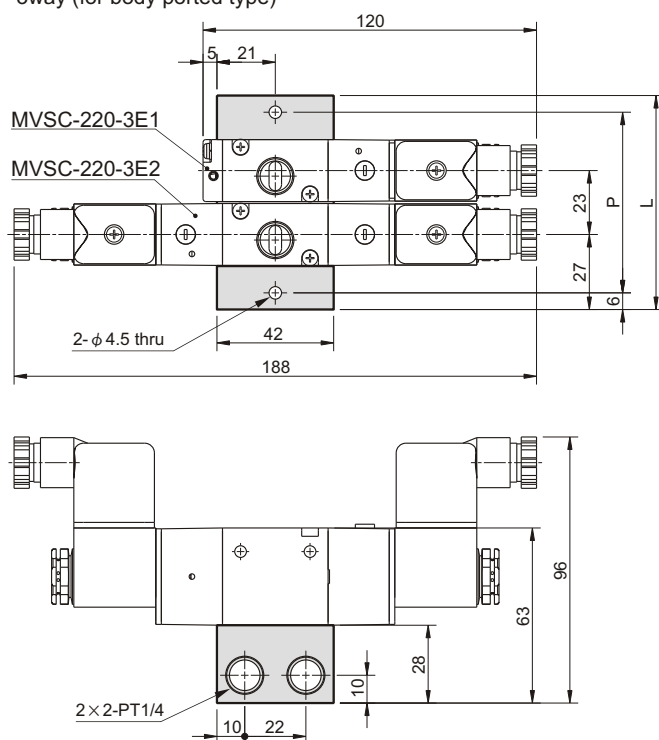
MVSC-220-3E2



Manifold of solenoid valve

MVSC-220-3B*

3way (for body ported type)



No. of stations	P	L
2	65	77
3	88	100
4	111	123
5	134	146
6	157	169
7	180	192
8	203	215
9	226	238
10	249	261

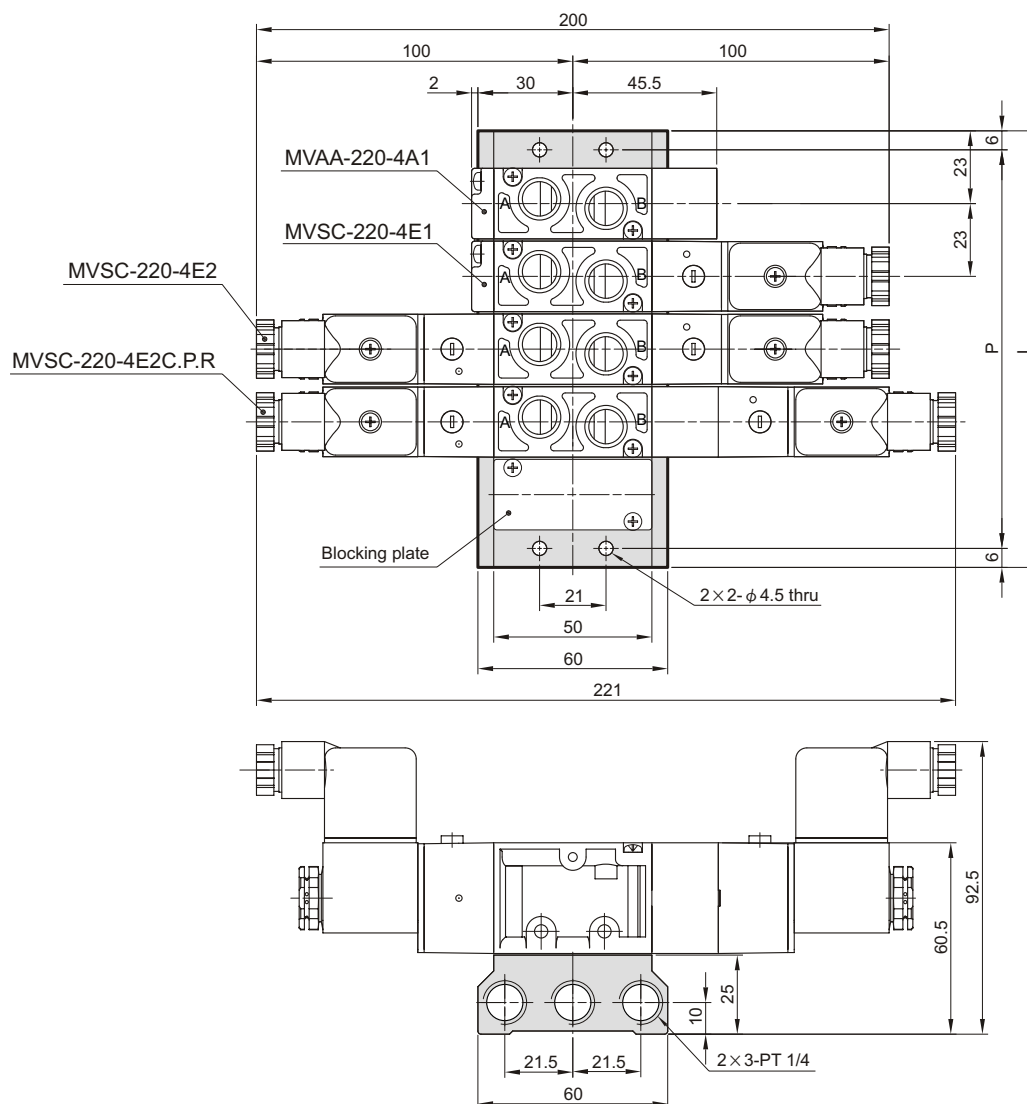
MVSC-220 Manifold

SOLENOID VALVE



MVSC-220-5B*

4way (for body ported type)



No. of stations	P	L
2	57	69
3	80	92
4	103	115
5	126	138
6	149	161
7	172	184
8	195	207
9	218	230
10	241	253

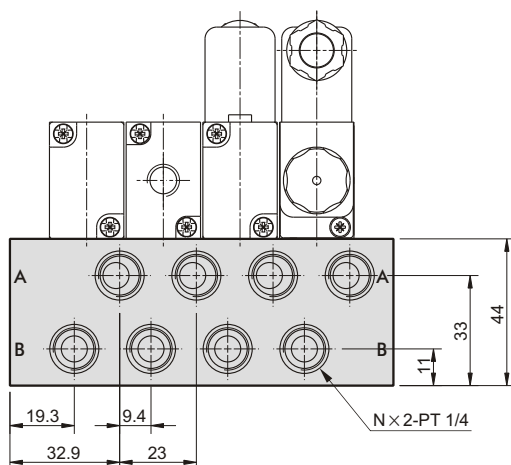
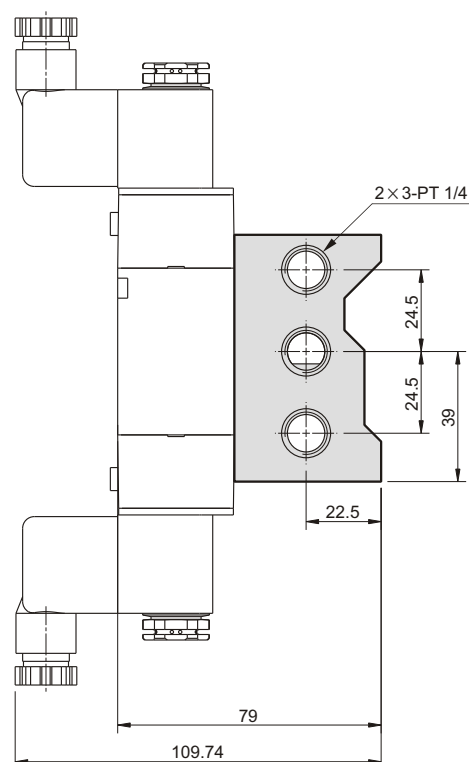
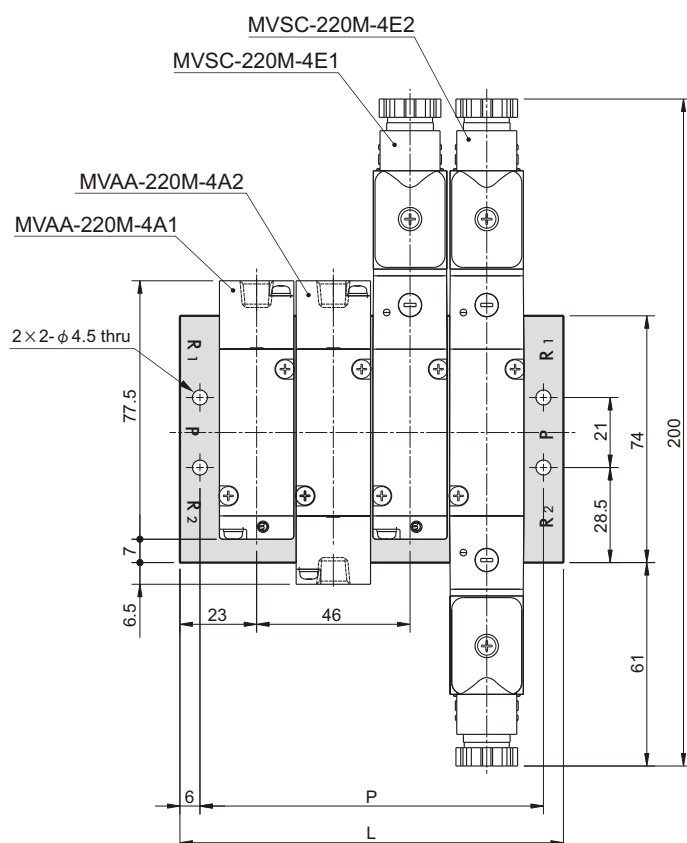
MVSC-220 Manifold

SOLENOID VALVE



MVSC-220M-5M*

4way (for manifold type)



No. of stations (N)	P	L
2	57	69
3	80	92
4	103	115
5	126	138
6	149	161
7	172	184
8	195	207
9	218	230
10	241	253