

MVSC1-220 series

SOLENOID VALVE



mindman



Features



Selection table



Blocking plate



Technical data



Caution for safety
(Read before installing)



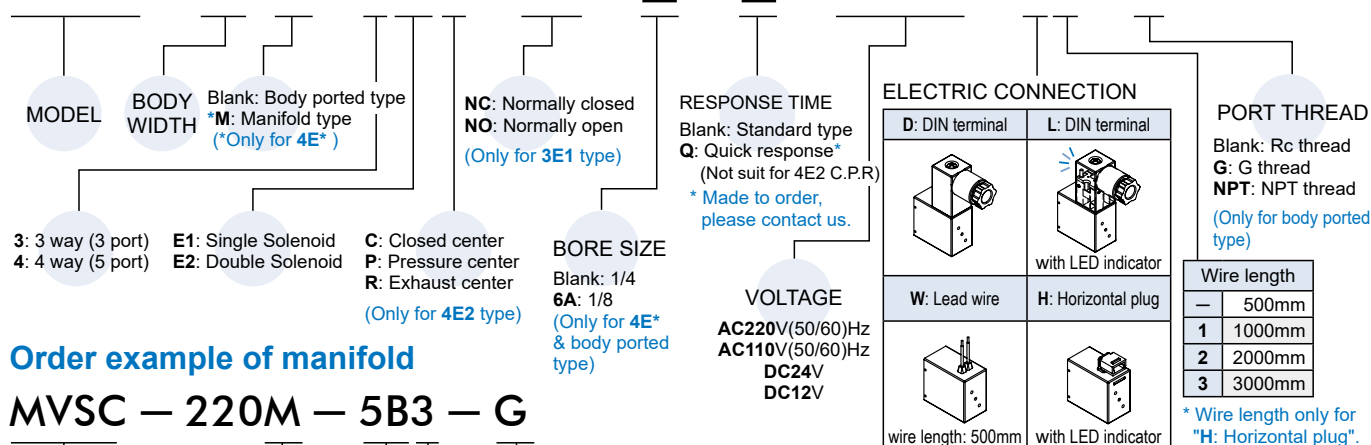
Specification

Model		3E1	3E2	4E1	4E2	4E2 C.P.R
Bore No.		8A		6A, 8A		
Port size		1/4		1/8, 1/4		
No. of port / position		3 / 2		5 / 2		5 / 3
Medium		Air				
Operating perssure range		0.2~0.8 MPa				0.3~0.8 MPa
Proof pressure		1 MPa				
Effective orifice		18 mm ²				16 mm ²
Response time	Standard	AC < 40ms, DC < 30ms				AC<50ms, DC<40ms
	Quick response*	AC < 37ms, DC < 26ms				—
Power consumption	Standard	AC=1.12VA, DC=0.95W				
	Quick response*	AC=2.5VA, DC=2.5W				
Ambient temperature		-5~+50°C (No freezing)				
Voltage		AC110V, 220V (50/60)Hz, DC24/12V				
Available voltage range		±10%				
Insulation class		F class				
Weight		86 g	130 g	108 g	152 g	198 g

* For quick response type, it cannot be energized for more than 30 minutes.

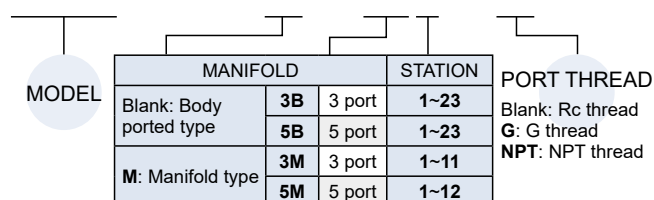
Order example of valve

MVSC1 — 220M — 4E2C — NC — □ — □ — AC110 — H1 — G



Order example of manifold

MVSC — 220M — 5B3 — G

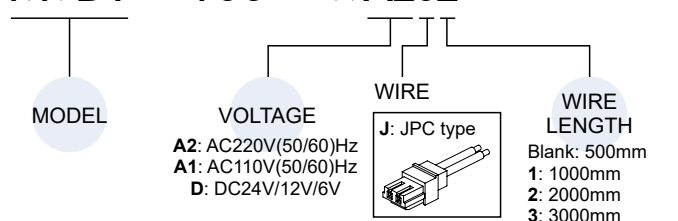


* Use the same manifold with MVSC.

* Starting from 11 stations, manifolds are made to order.

Order example of wire

MVDY — 100 — WA2J2

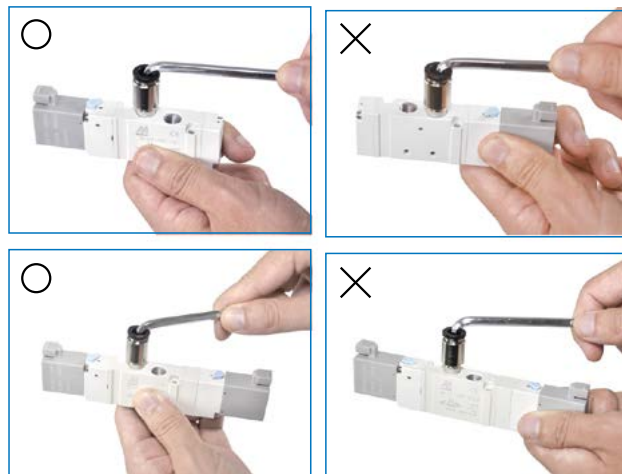


* Use the same wire with MVDY.

* Only for "H: Horizontal plug".

Caution

Prohibit apply force to coil when tighten the tube fitting.

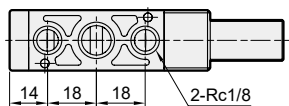
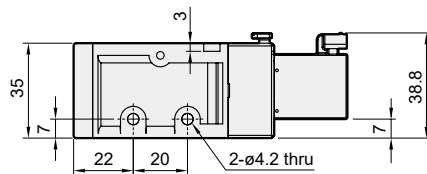
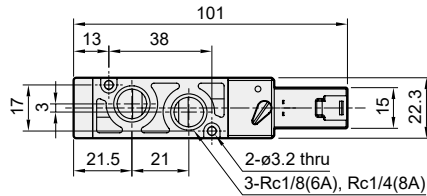
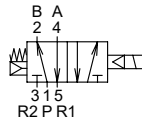


MVSC1-220 Dimensions

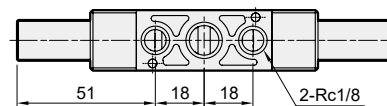
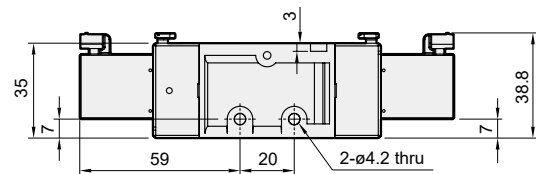
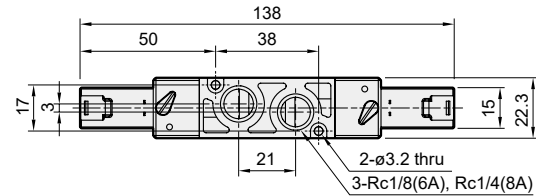
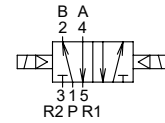
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MVSC1-220-4E1

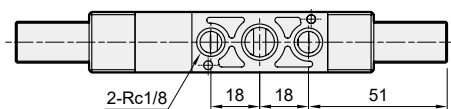
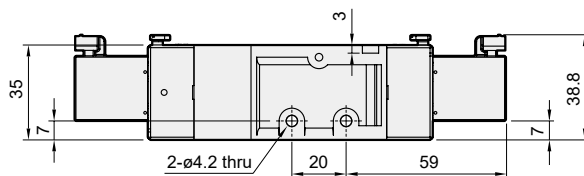
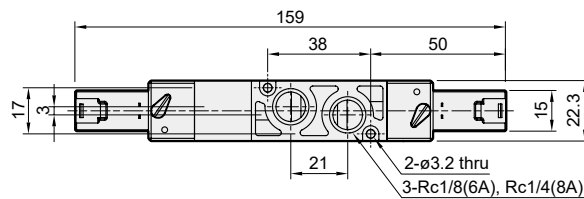
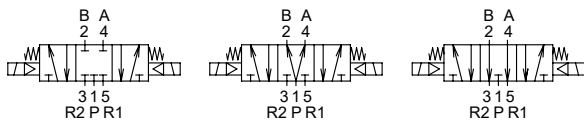


MVSC1-220-4E2

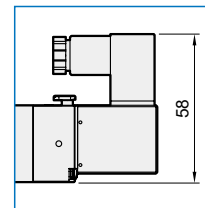


MVSC1-220-4E2C.PR

MVSC1-220-4E2C MVSC1-220-4E2P MVSC1-220-4E2R

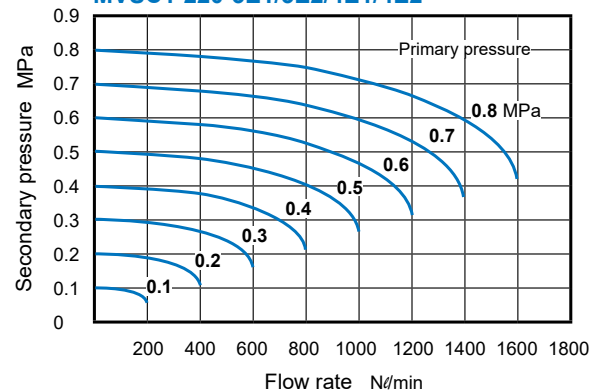


DIN terminal / DIN terminal with LED indicator



Flow features

MVSC1-220-3E1/3E2/4E1/4E2

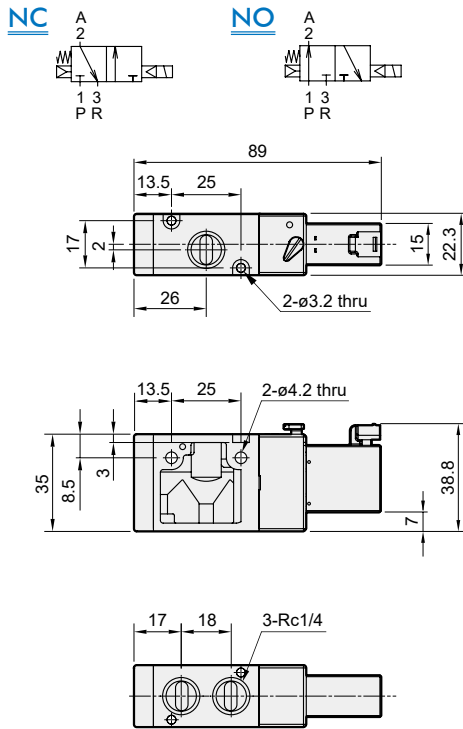


MVSC1-220 Dimensions

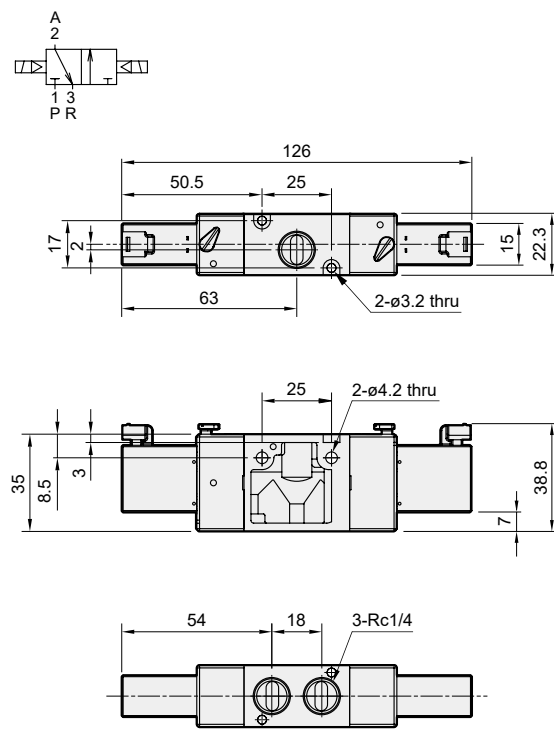
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MVSC1-220-3E1-NC/NO



MVSC1-220-3E2



MVSC1-220 Manifold

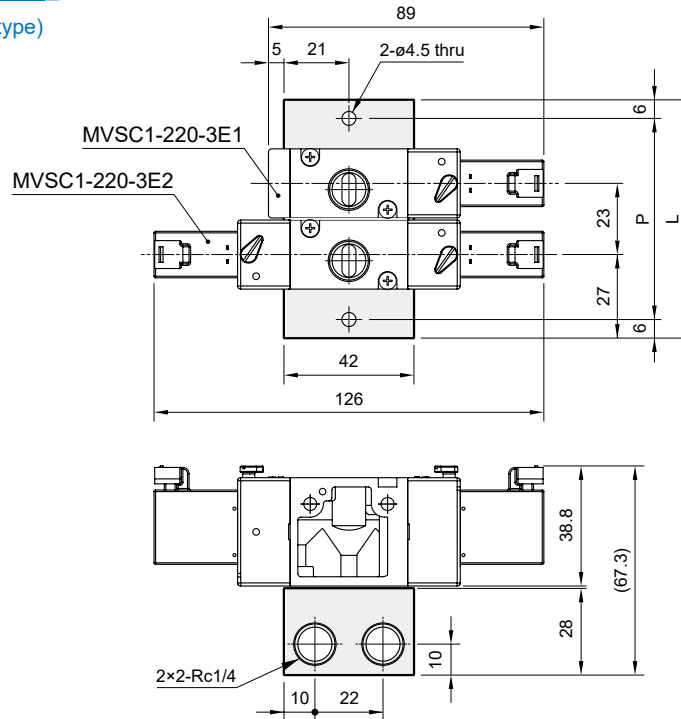
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MVSC-220-3B*

* Use the same manifold with MVSC.

3 port (for body ported type)



No. of stations	P	L
1	42	54
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

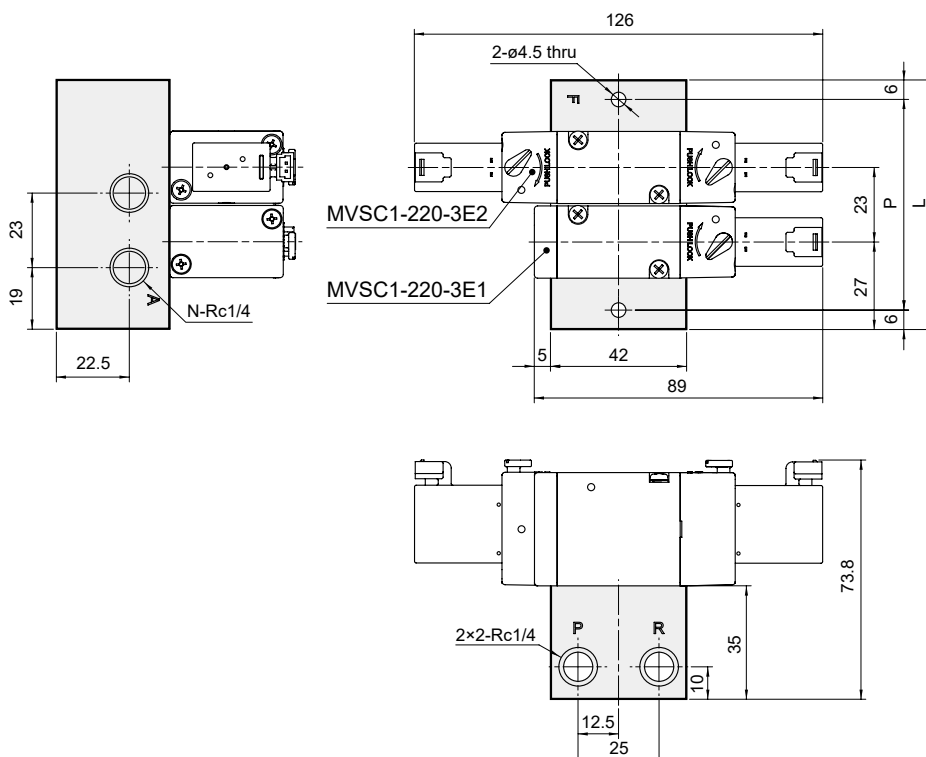
P: (No. of stations-1)×23+42

L: (No. of stations-1)×23+54

MVSC-220M-3M*

* Use the same manifold with MVSC.

3 port (for manifold type)



No. of stations (N)	P	L
1	42	54
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

P: (No. of stations-1)×23+42

L: (No. of stations-1)×23+54

MVSC1-220 Manifold

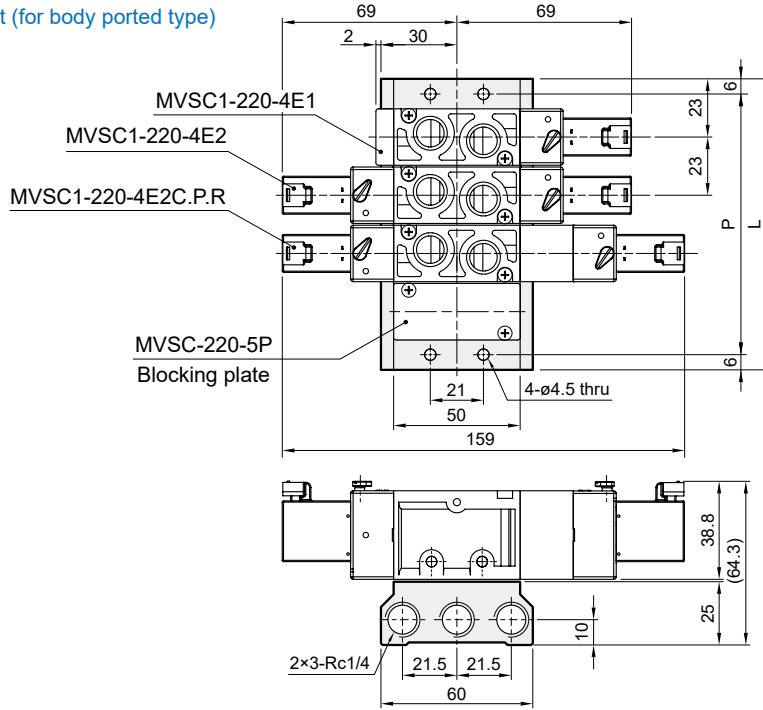
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MVSC-220-5B*

* Use the same manifold with MVSC.

5 port (for body ported type)



No. of stations	P	L
1	34	46
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

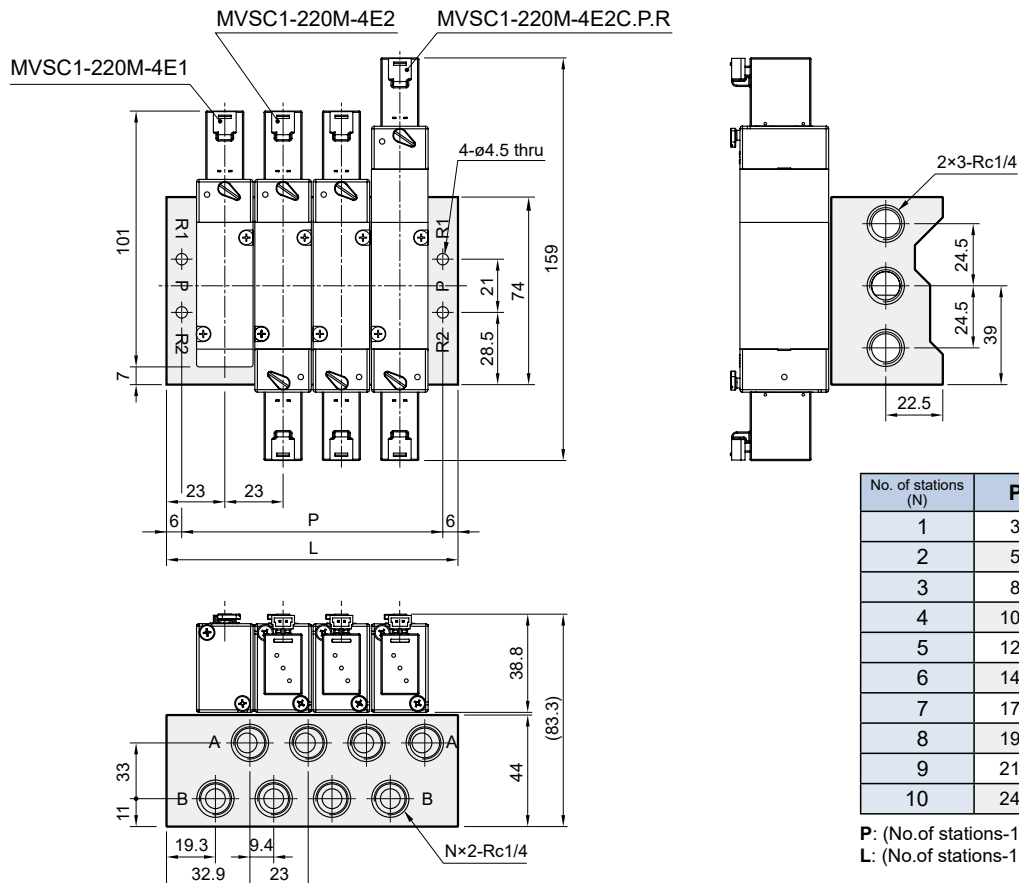
P: (No.of stations-1)×23+34

L: (No.of stations-1)×23+46

MVSC-220M-5M*

* Use the same manifold with MVSC.

5 port (for manifold type)



No. of stations (N)	P	L
1	34	46
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

P: (No.of stations-1)×23+34

L: (No.of stations-1)×23+46