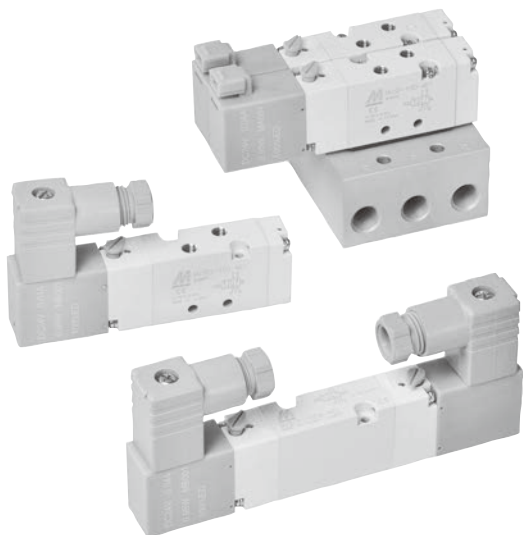


MVSC1-150 series

SOLENOID VALVE



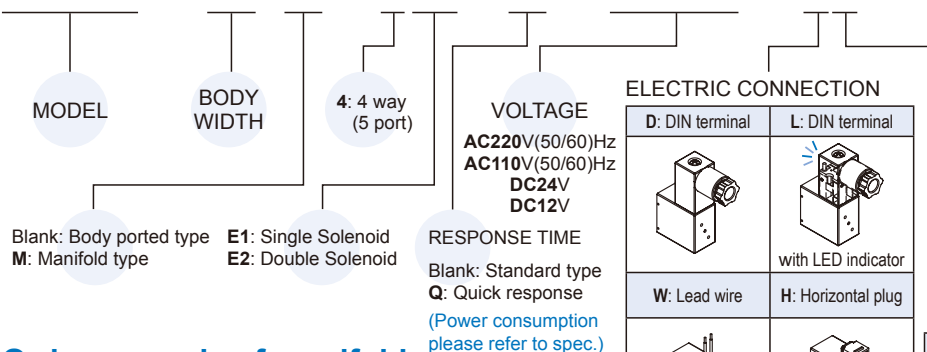
Specification

Model		4E1	4E2
Port size		M5×0.8	
No. of port		5	
No. of position		2	
Medium		Air	
Operating pressure range		0.15~0.8 MPa	
Proof pressure		1 MPa	
Effective orifice		3.8 mm ²	
Response time	Standard	AC < 35 ms, DC < 23 ms	
	Quick response*	AC < 30 ms, DC < 18 ms	
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, DC24V/12V	
Available voltage range		±10%	
Insulation class		F class	
Weight		73 g	108 g

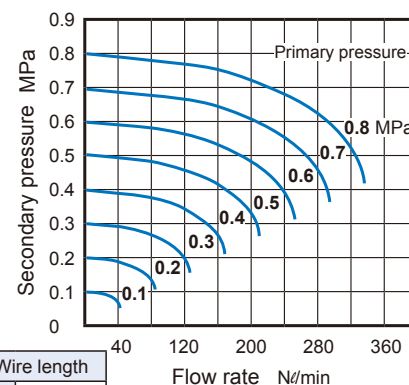
* For quick response type, it cannot be energized for more than 30 minutes.

Order example of valve

MVSC1 – 150M – 4E2 – □ – AC110 – H1

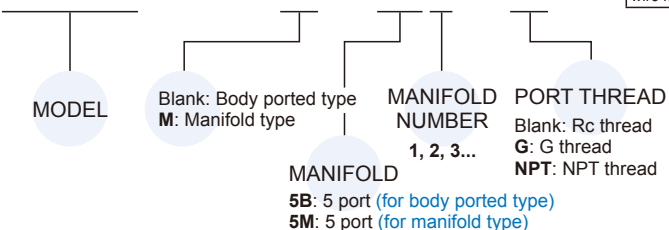


Flow features



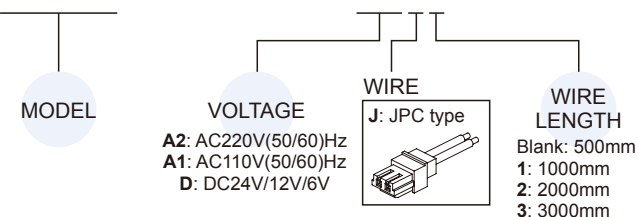
Order example of manifold

MVSC1 – 150M – 5B3 – G



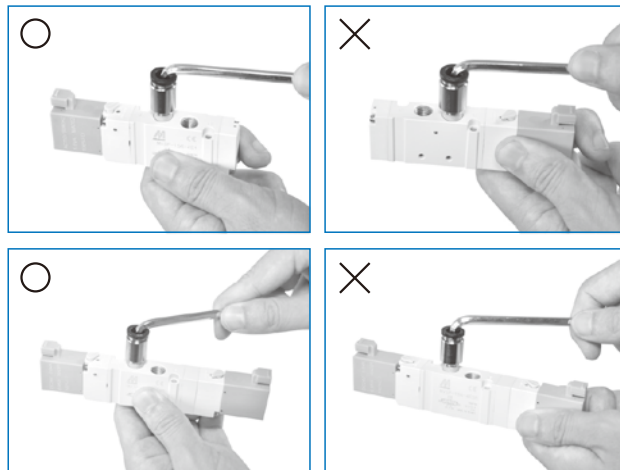
Order example of wire

MVDY – 100 – WA2J2



Caution

Prohibit apply force to coil when tighten the tube fitting.

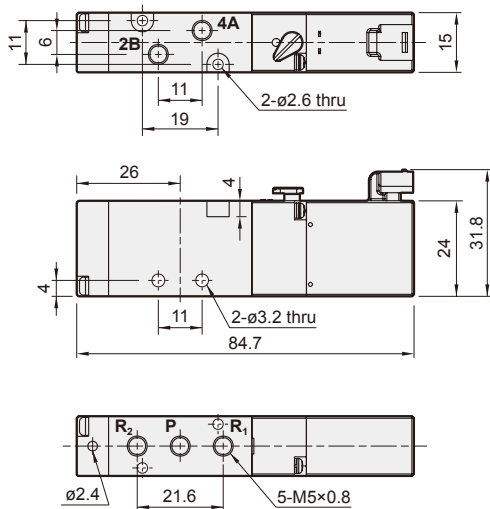
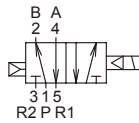


MVSC1-150 Dimensions

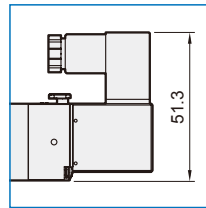
SOLENOID VALVE



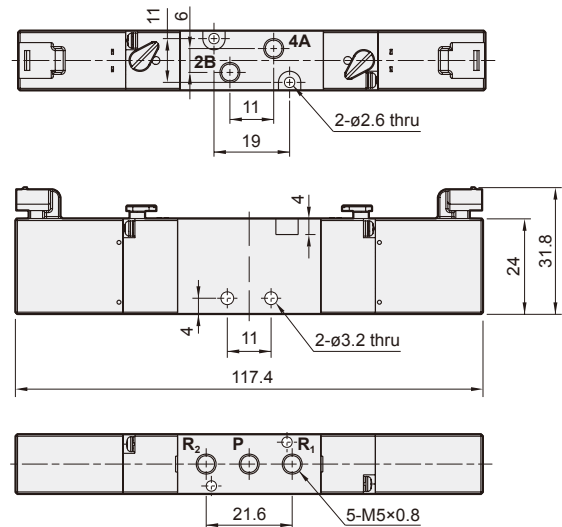
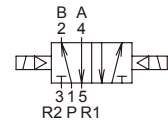
MVSC1-150-4E1



DIN terminal /
DIN terminal with
LED indicator

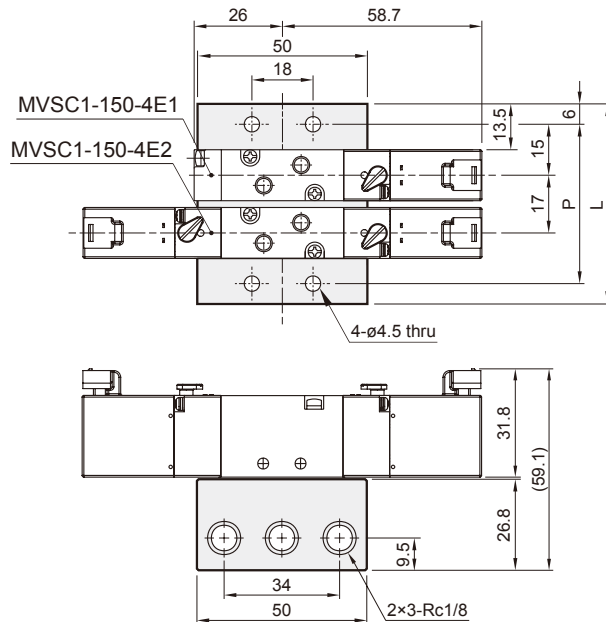


MVSC1-150-4E2



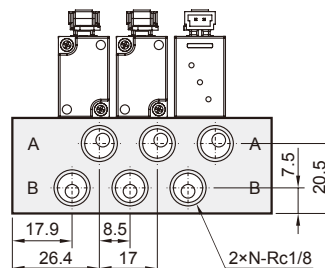
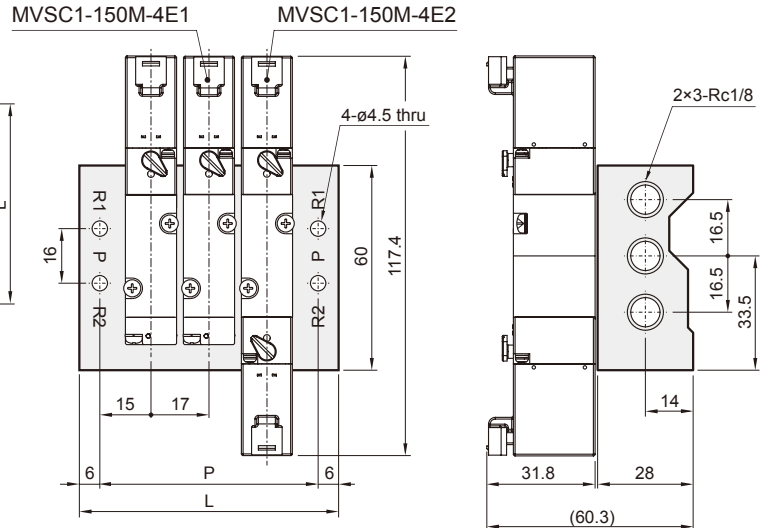
MVSC1-150-5B*

5 port (for body ported type)



MVSC1-150M-5M*

5 port (for manifold type)



No. of stations	P	L
2	47	59
3	64	76
4	81	93
5	98	110
6	115	127
7	132	144
8	149	161
9	166	178
10	183	195

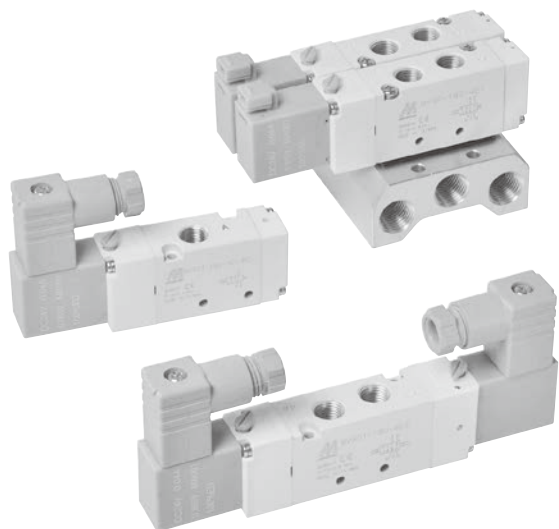
No. of stations (N)	P	L
2	47	59
3	64	76
4	81	93
5	98	110
6	115	127
7	132	144
8	149	161
9	166	178
10	183	195

MVSC1-180 series

SOLENOID VALVE



mindman



Specification

Model		3E1	3E2	4E1	4E2	4E2 C.P.R
Bore No.		6A				
Port size		Rc1/8				
No. of port / position		3 / 2		5 / 2		5 / 3
Medium		Air				
Operating perssure range		0.15~0.8 MPa				0.2~0.7 MPa
Proof pressure		1 MPa				
Effective orifice		15 mm ²		12 mm ²		9 mm ²
Response time	Standard	AC<35 ms, DC<25 ms				AC<45ms, DC<30ms
	Quick response*	AC<31 ms, DC<20 ms				AC<41ms, DC<25ms
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		90 g	125 g	94 g	129 g	143 g

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

Order example of valve

MVSC1 — 180 — 4E2C — NC — □ — AC110 — H1 — G

MODEL

BODY WIDTH

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

3: 3 way (3 port)
4: 4 way (5 port)

E1: Single Solenoid
E2: Double Solenoid

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

VOLTAGE

AC220V(50/60)Hz
AC110V(50/60)Hz
DC24V
DC12V

RESPONSE TIME
Blank: Standard type
Q: Quick response
(Power consumption please refer to spec.)

ELECTRIC CONNECTION

D: DIN terminal	L: DIN terminal
W: Lead wire	H: Horizontal plug
wire length: 500mm	with LED indicator

PORT THREAD
Blank: Rc thread
G: G thread
NPT: NPT thread

Wire length	
—	500mm
1	1000mm
2	2000mm
3	3000mm

* Wire length only for "H: Horizontal plug".

Order example of manifold

MVSC1 — 180 — 3B3 — G

MODEL

MANIFOLD

3B: 3 port (for body ported type)
5B: 5 port (for body ported type)

MANIFOLD NUMBER
1, 2, 3...

PORT THREAD
Blank: Rc thread
G: G thread
NPT: NPT thread

Order example of wire

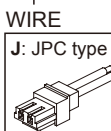
* Use the same wire with MVDY.
* Only for "H: Horizontal plug".

MVDY — 100 — WA2J2

MODEL

VOLTAGE

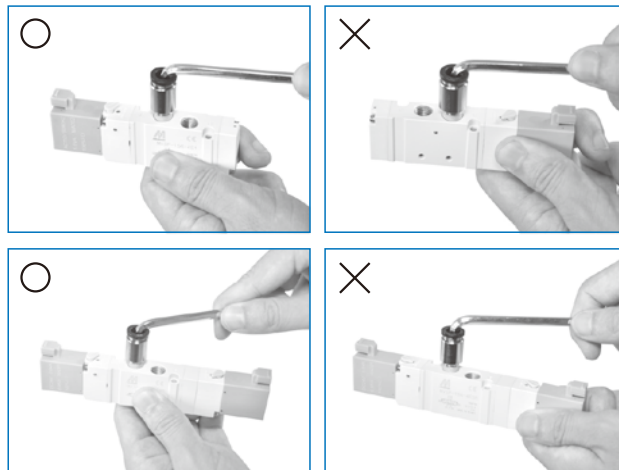
A2: AC220V(50/60)Hz
A1: AC110V(50/60)Hz
D: DC24V/12V/6V



WIRE LENGTH
Blank: 500mm
1: 1000mm
2: 2000mm
3: 3000mm

Caution

Prohibit apply force to coil when tighten the tube fitting.

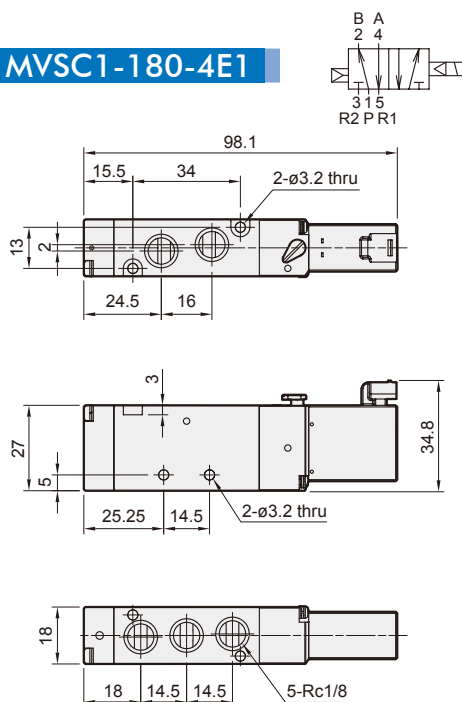


MVSC1-180 Dimensions

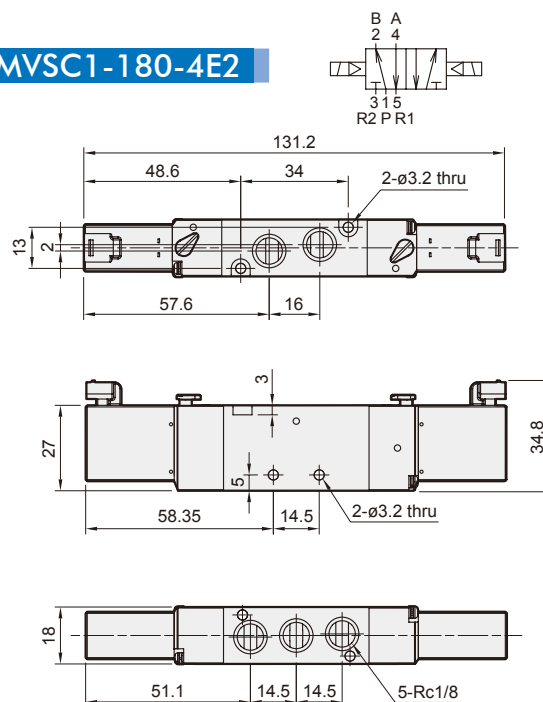
SOLENOID VALVE



MVSC1-180-4E1

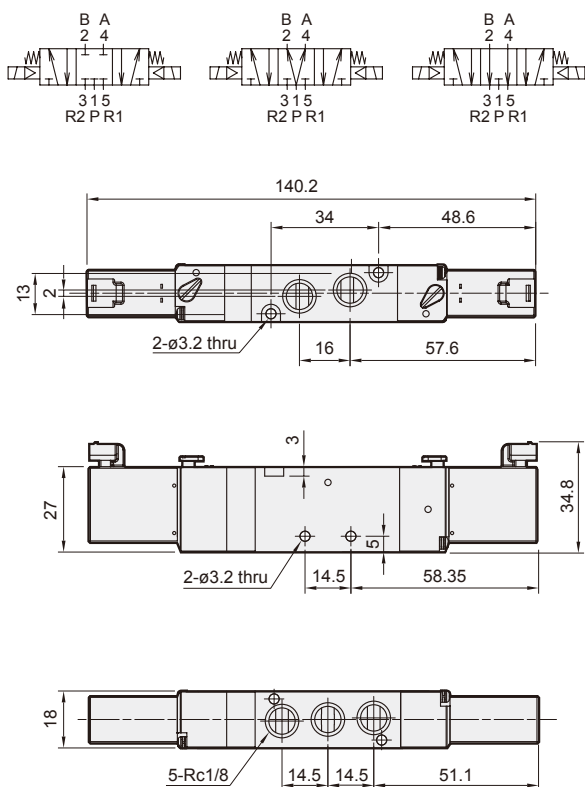


MVSC1-180-4E2

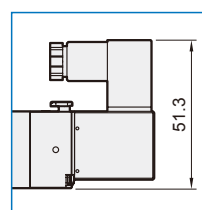


MVSC1-180-4E2C.P.R

MVSC1-180-4E2C MVSC1-180-4E2P MVSC1-180-4E2R

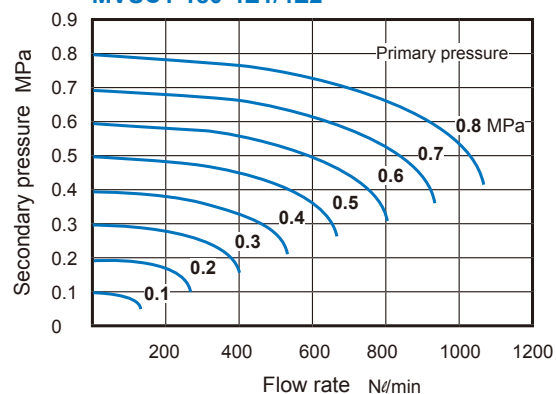


DIN terminal / DIN terminal with LED indicator



Flow features

MVSC1-180-4E1/4E2



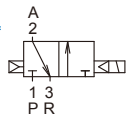
MVSC1-180 Dimensions

SOLENOID VALVE

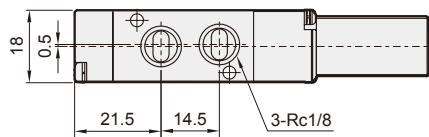
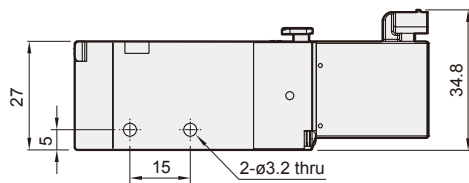
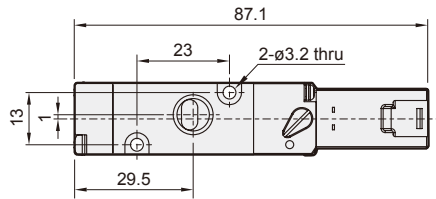
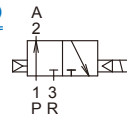


MVSC1-180-3E1-NC/NO

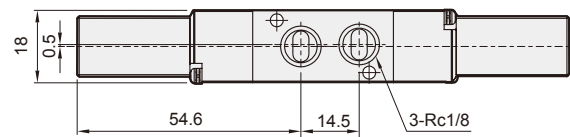
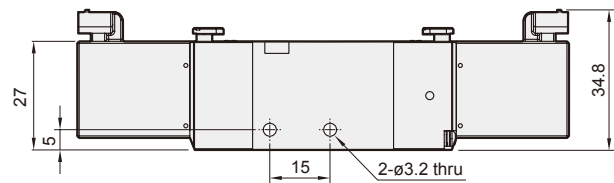
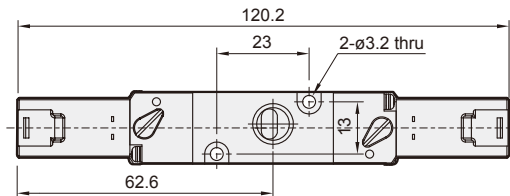
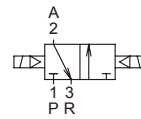
NC



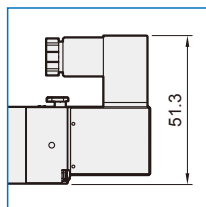
NO



MVSC1-180-3E2



**DIN terminal /
DIN terminal with LED indicator**



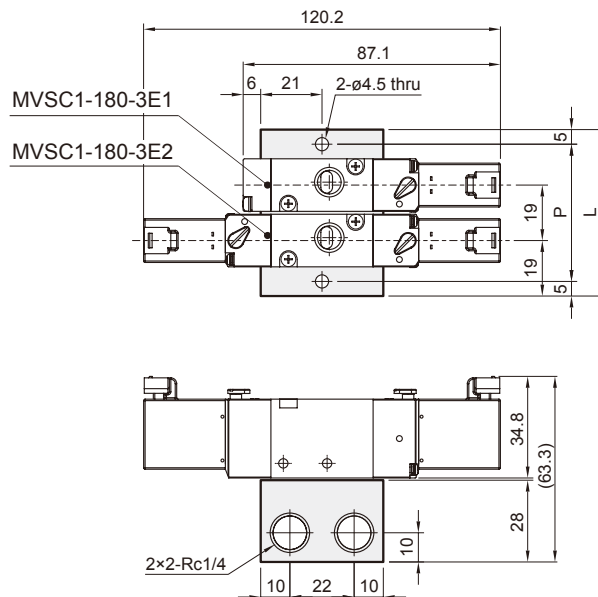
MVSC1-180 Manifold

SOLENOID VALVE



MVSC1-180-3B*

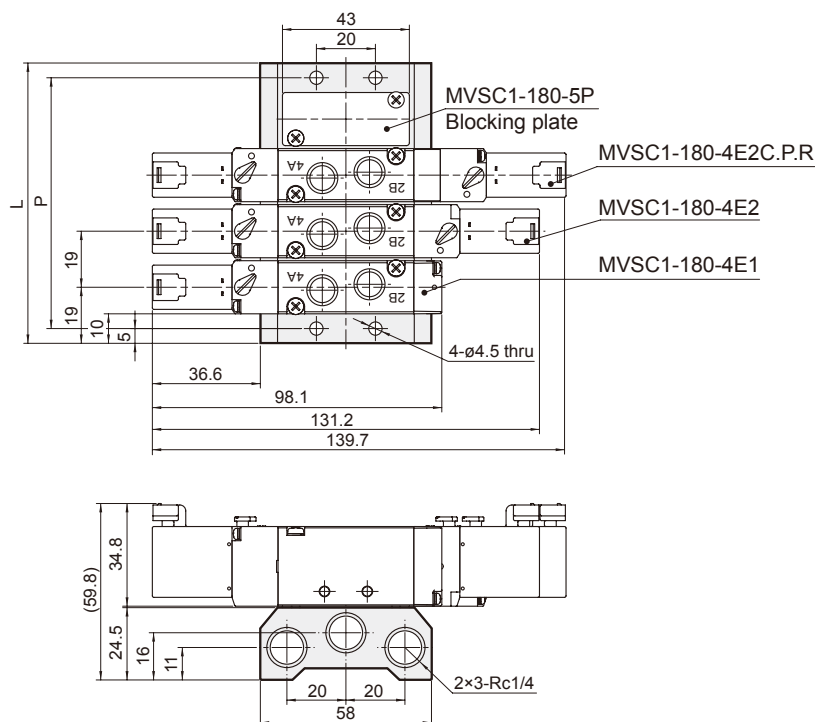
3 port (for body ported type)



No. of stations	P	L
2	47	57
3	66	76
4	85	95
5	104	114
6	123	133
7	142	152
8	161	171
9	180	190
10	199	209

MVSC1-180-5B*

5 port (for body ported type)



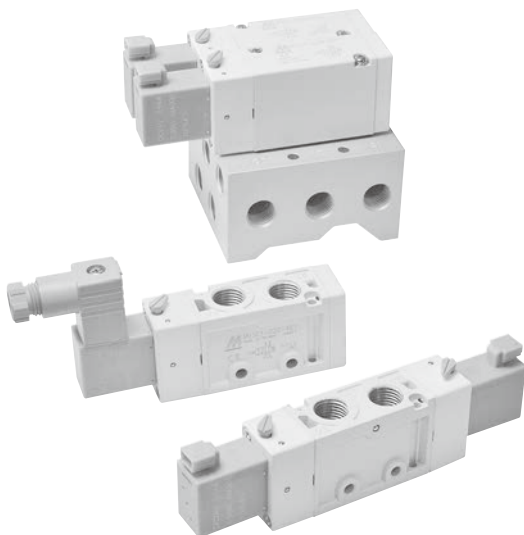
No. of stations	P	L
2	47	57
3	66	76
4	85	95
5	104	114
6	123	133
7	142	152
8	161	171
9	180	190
10	199	209

MVSC1-220 series

SOLENOID VALVE



mindman



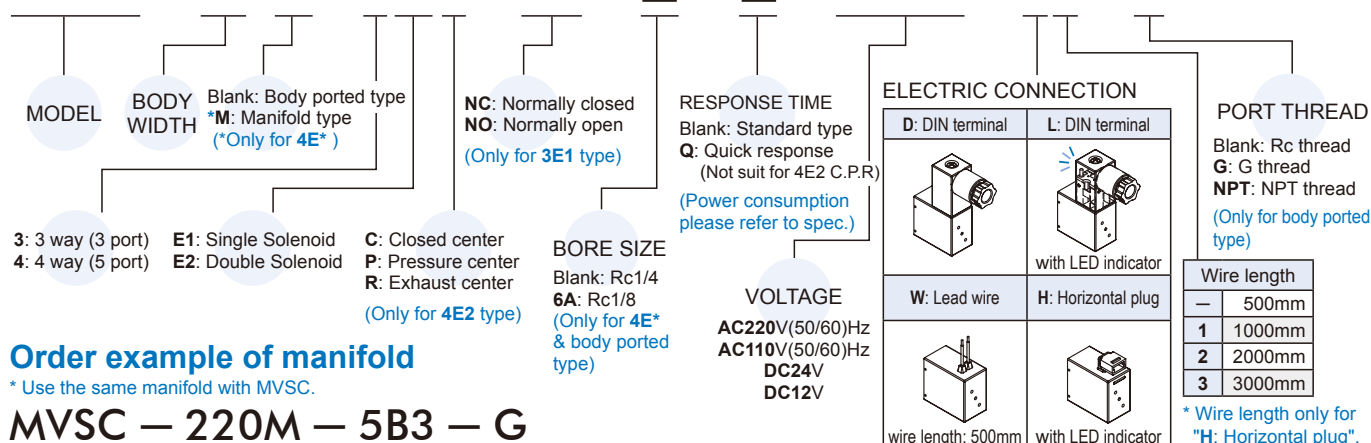
Specification

Model		3E1	3E2	4E1	4E2	4E2 C.P.R
Bore No.		8A		6A, 8A		
Port size		Rc1/4		Rc1/8, Rc1/4		
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

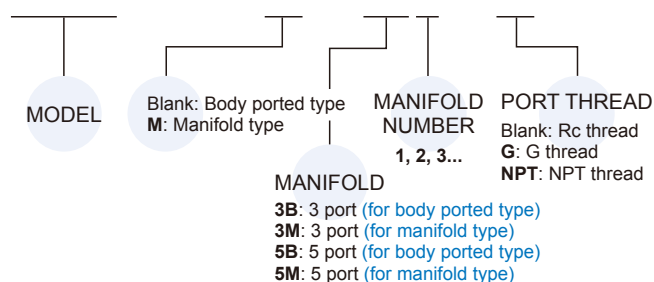
MVSC1 — 220M — 4E2C — NC — □ — □ — AC110 — H1 — G



Order example of manifold

* Use the same manifold with MVSC.

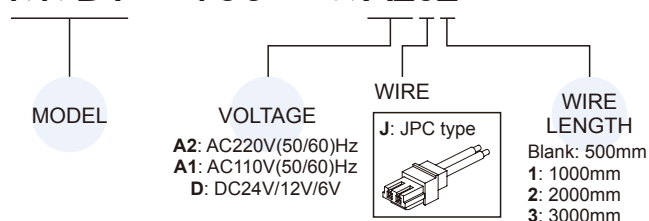
MVSC — 220M — 5B3 — G



Order example of wire

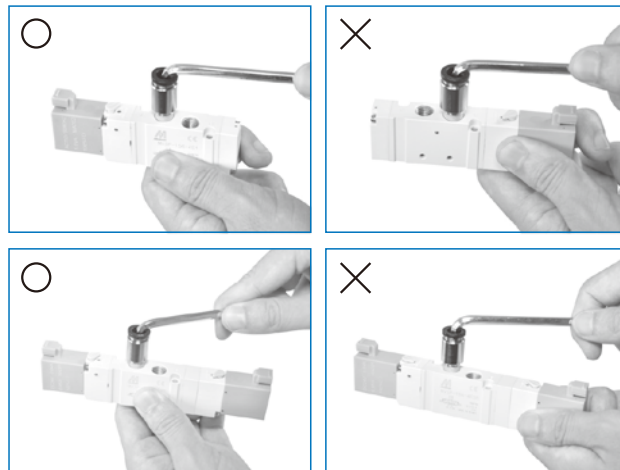
* Use the same wire with MVDY.
* Only for "H: Horizontal plug".

MVDY — 100 — WA2J2



Caution

Prohibit apply force to coil when tighten the tube fitting.

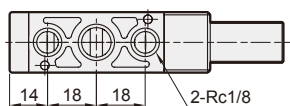
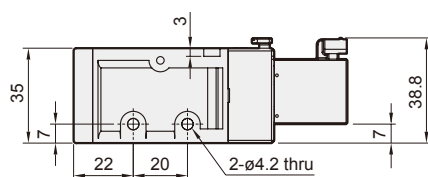
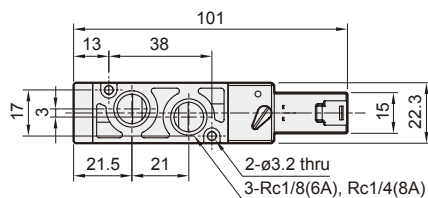
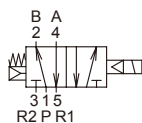


MVSC1-220 Dimensions

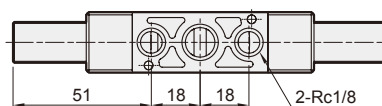
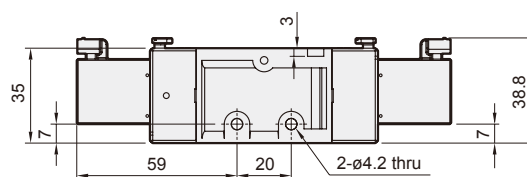
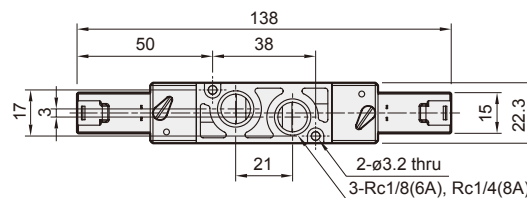
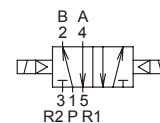
SOLENOID VALVE



MVSC1-220-4E1



MVSC1-220-4E2

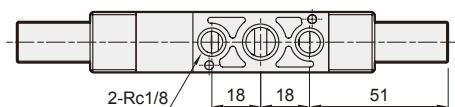
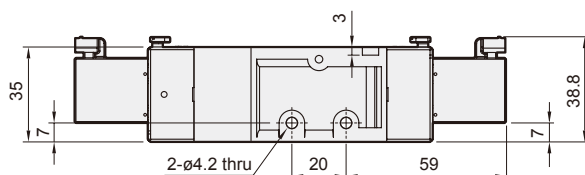
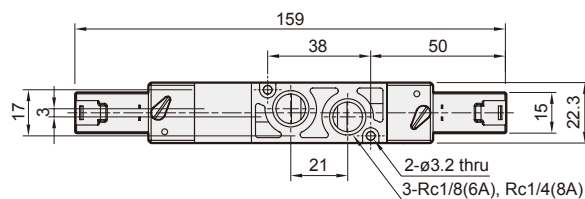
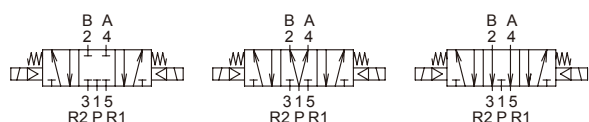


MVSC1-220-4E2C.PR

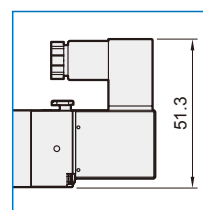
MVSC1-220-4E2C

MVSC1-220-4E2P

MVSC1-220-4E2R

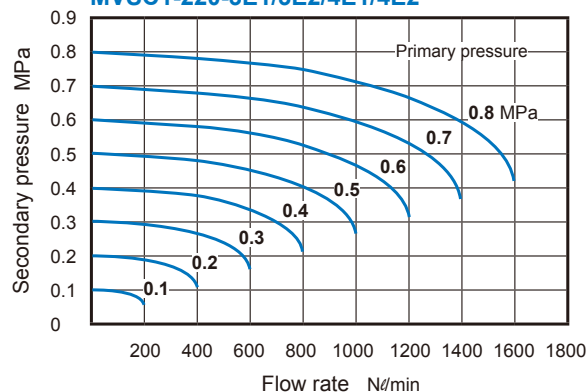


DIN terminal / DIN terminal with LED indicator



Flow features

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

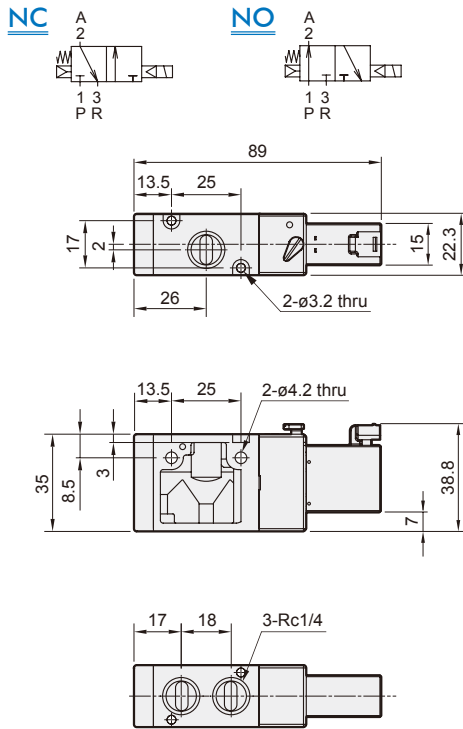


MVSC1-220 Dimensions

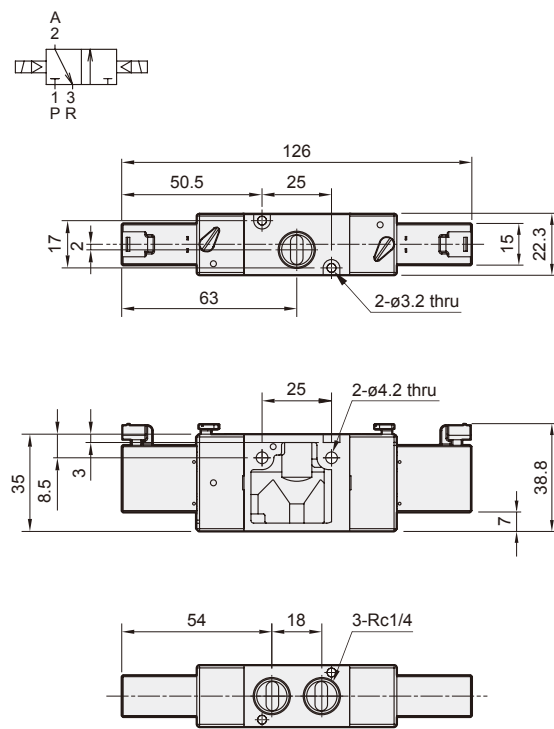
SOLENOID VALVE



MVSC1-220-3E1-NC/NO



MVSC1-220-3E2



MVSC1-220 Manifold

SOLENOID VALVE

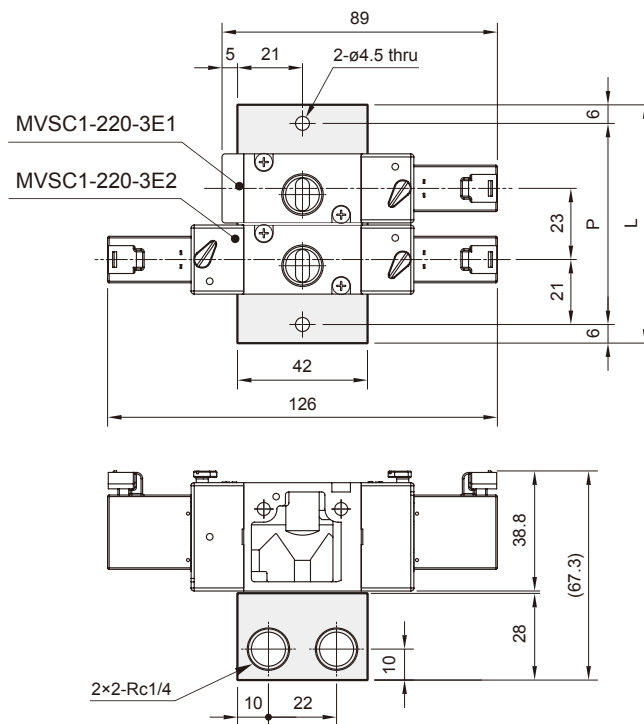


MVSC-220-3B*

* Use the same manifold with MVSC.

3 port (for body ported type)

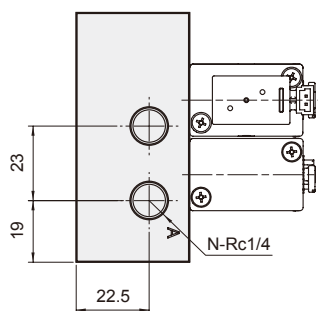
No. of stations	P	L
2	65	77
3	88	100
4	111	123
5	134	146
6	157	169
7	180	192
8	203	215
9	226	238
10	249	261



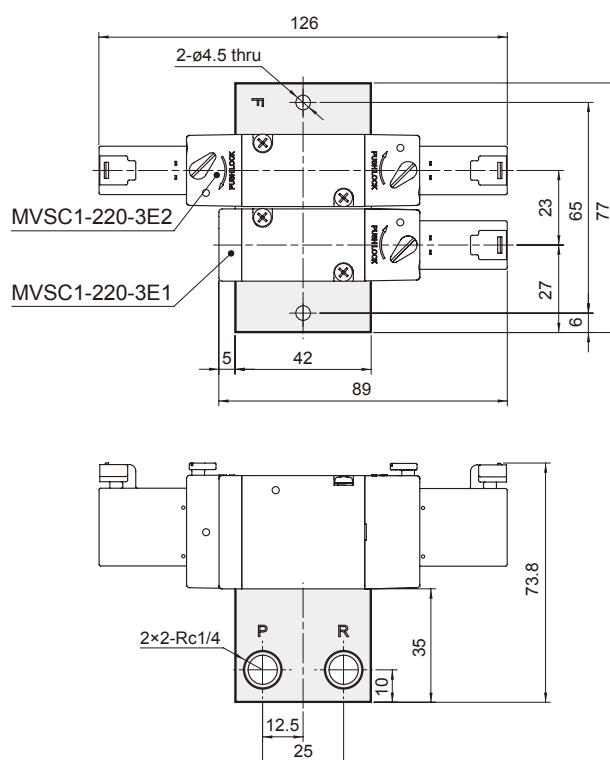
MVSC-220M-3M*

* Use the same manifold with MVSC.

3 port (for manifold type)



No. of stations (N)	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

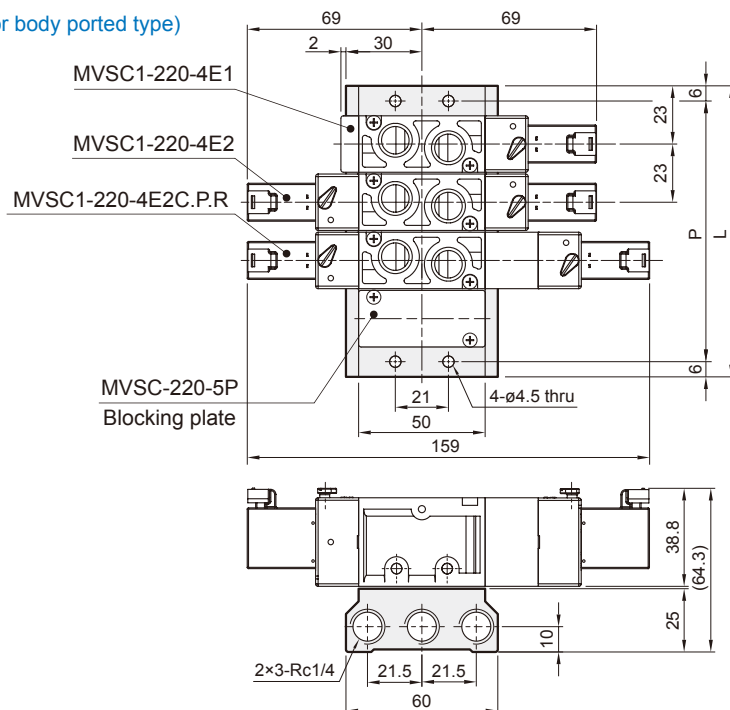


SOLENOID VALVE

**MVSC-220-5B***

* Use the same manifold with MVSC.

5 port (for body ported type)

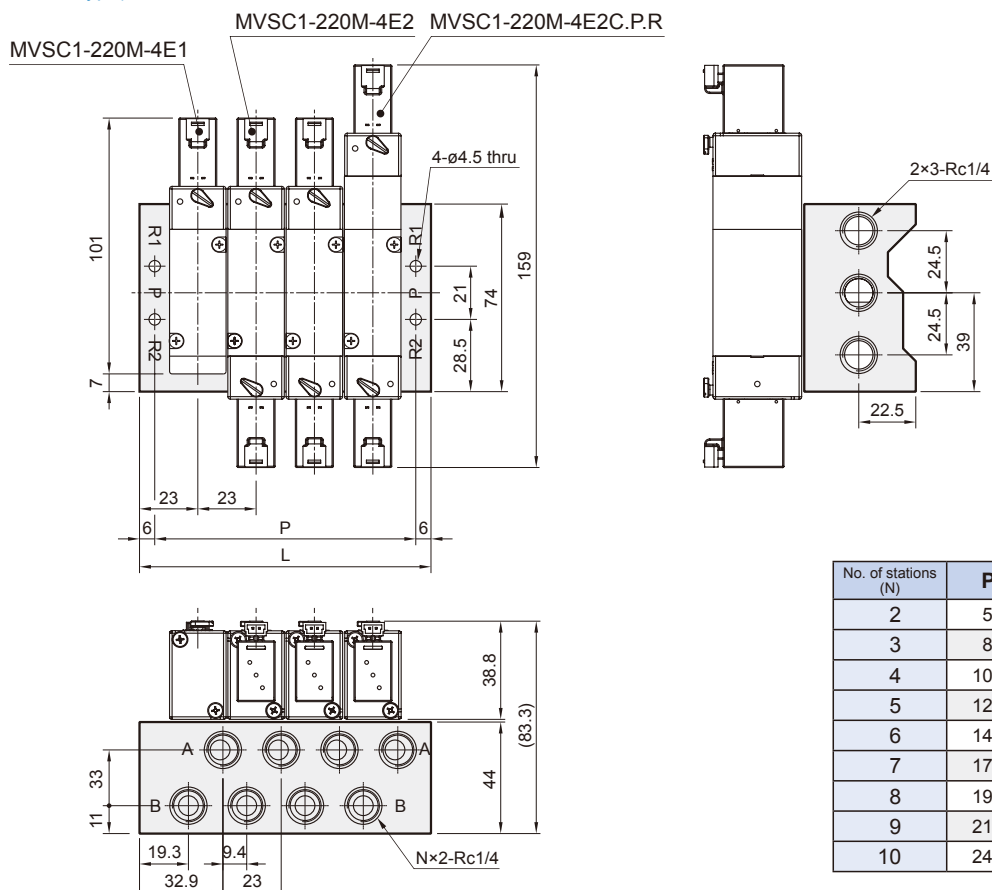


No. of stations	P	L
2	57	69
3	80	92
4	103	115
5	126	138
6	149	161
7	172	184
8	195	207
9	218	230
10	241	253

MVSC-220M-5M*

* Use the same manifold with MVSC.

5 port (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