

MVSC-460 series

SOLENOID VALVE



Features



Selection table



Blocking plate



Technical data



Caution for safety
(Read before installing)



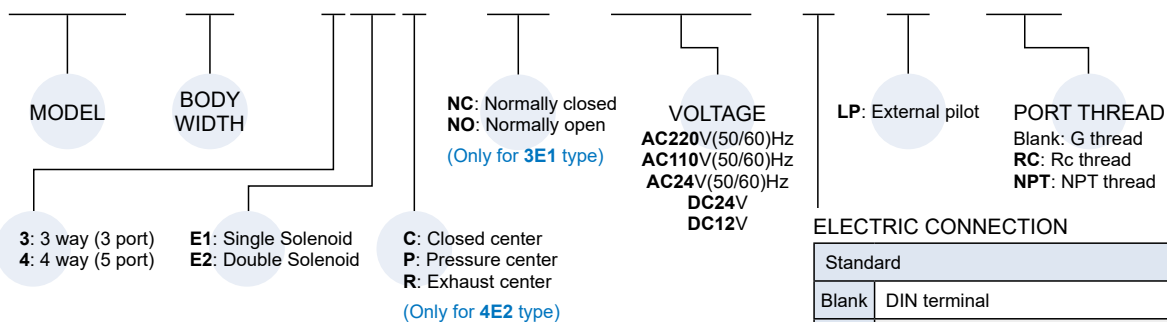
Specification

Model	3E1	3E2	4E1	4E2	4E2 C.P.R
Bore No.	15A				
Port size	1/2				
No. of port	3		5		
No. of position	2			3	
Medium	Air				
Operating perssure range	0.2~0.8 MPa			0.3~0.8 MPa	
Operating pressue (LP)	0~0.8 MPa				
Pilot pressure range (LP)	(0.34×P(*1)+0.1)~0.5 MPa				
Proof pressure	1 MPa				
Effective orifice	60 mm ²		50 mm ²		30 mm ²
Reponse time	50 ms				
Ambient temperature	-5~~+50°C (No freezing)				
Voltage	AC110V, 220V, 24V (50/60)Hz, DC24V, 12V				
Power Standard	AC=4.8/4.4VA, 6/4.9VA, 6.7/5.4VA, DC=2W, 2.5W				
consumption Power saving	DC24V=Start: 2W(*2) Power saving: 0.5W				
Available voltage range	±10%				
Insulation class	F class				
Weight (g) Valve	325	455	339	464	525
Manifold	131n+84 (*3)		145n+91 (*3)		

*1. P: Operating pressure *2. Power saving covert time 100ms. *3. n: Stations

Order example of valve

MVSC — 460 — 4E2C — NC — AC110 — L — LP — NPT

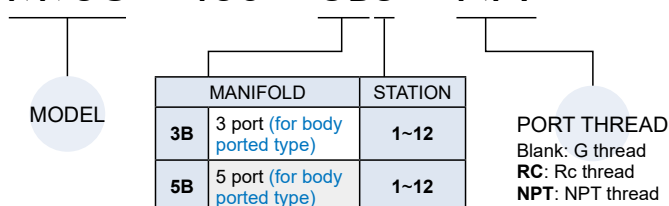


ELECTRIC CONNECTION

Standard	
Blank	DIN terminal
L	DIN terminal with LED indicator
E	Explosion protection (Table 1)(Black coil)
Power saving (for DC24V)	
KL	DIN terminal with LED indicator

Order example of manifold

MVSC — 460 — 5B3 — NPT



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

Table 1

Property for explosion-proof type

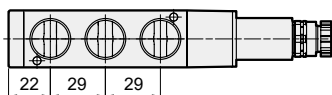
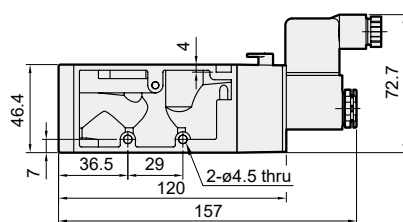
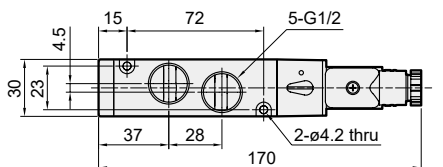
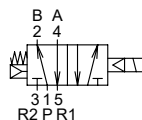
Anti-explosion class	Ex mb IIC T4 Gb
Voltage	AC110V / 220V(50/60)Hz, DC24V
Power consumption	AC110V=4.5VA, AC220V=4.8VA, DC=5W
Available voltage range	±10%
Insulation class	F class
Wire length	3 m

MVSC-460 Dimensions

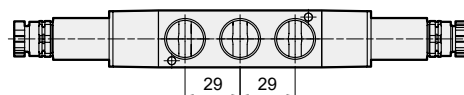
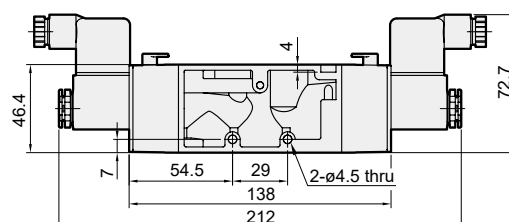
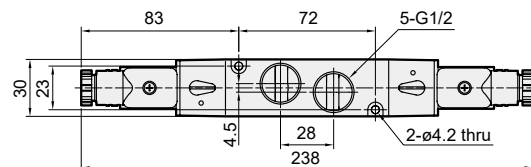
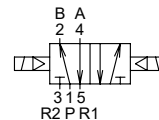
SOLENOID VALVE



MVSC-460-4E1

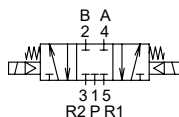


MVSC-460-4E2

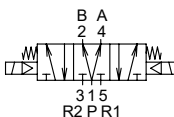


MVSC-460-4E2C.P.R

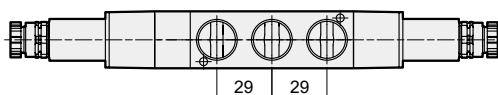
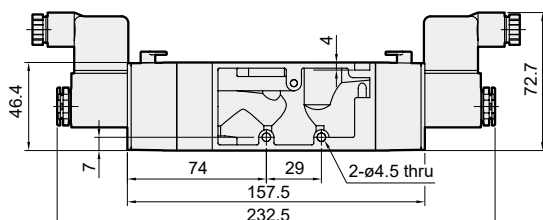
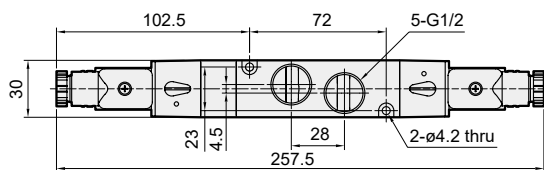
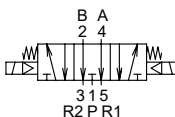
MVSC-460-4E2C



MVSC-460-4E2P

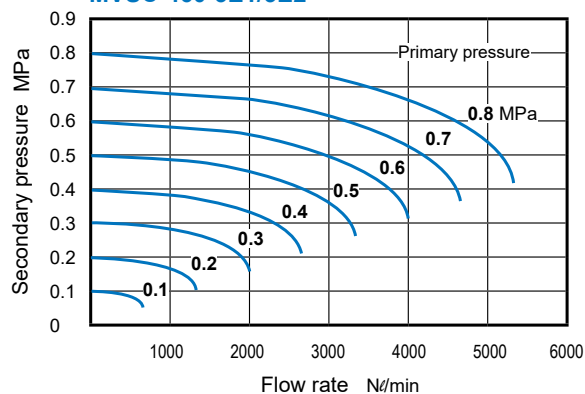


MVSC-460-4E2R

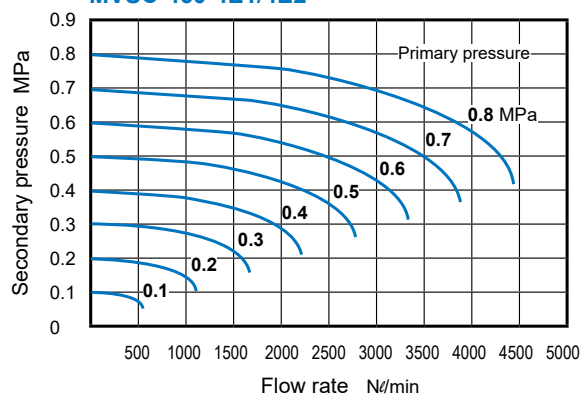


Flow features

MVSC-460-3E1/3E2



MVSC-460-4E1/4E2

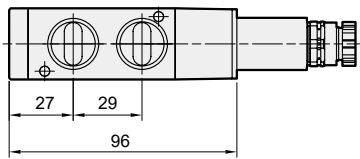
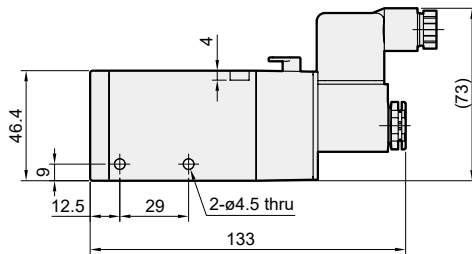
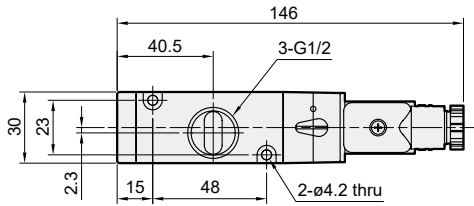
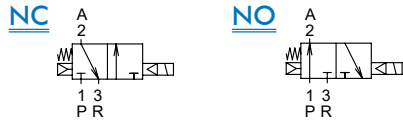


MVSC-460 Dimensions

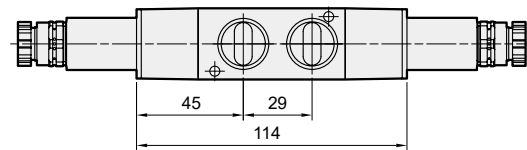
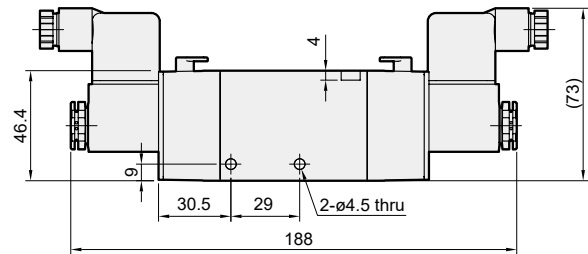
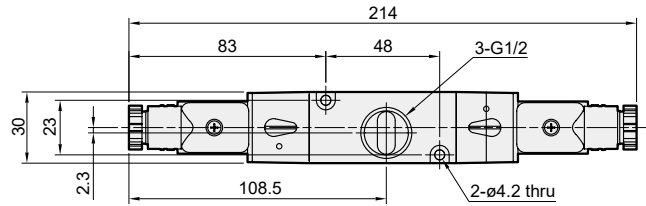
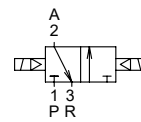
SOLENOID VALVE



MVSC-460-3E1-NC/NO



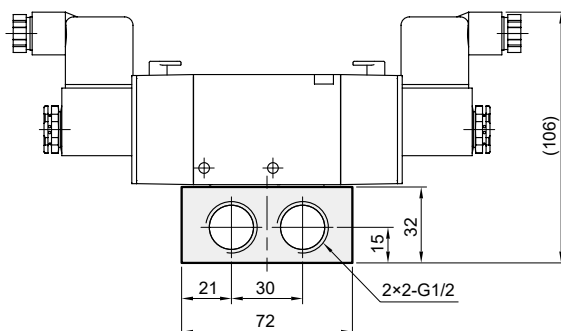
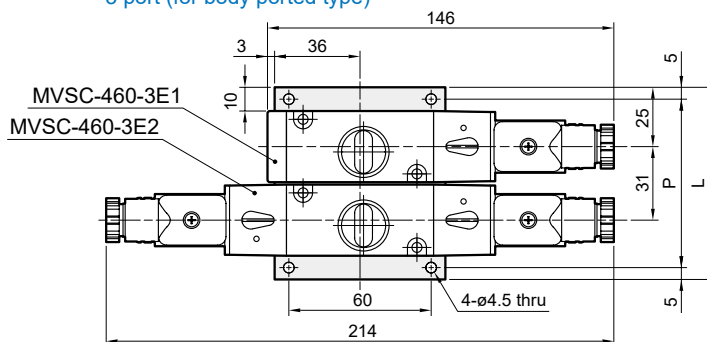
MVSC-460-3E2



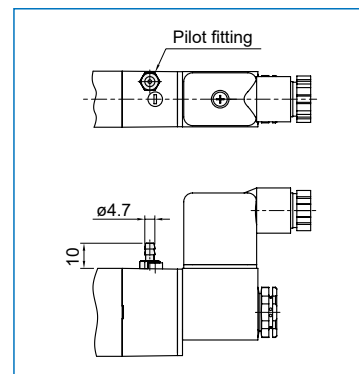
Manifold of solenoid valve

MVSC-460-3B*

3 port (for body ported type)



LP



No. of stations	P	L
1	40	50
2	71	81
3	102	112
4	133	143
5	164	174
6	195	205
7	226	236
8	257	267
9	288	298
10	319	329

P: (No. of stations-1)×31+40
L: (No. of stations-1)×31+50

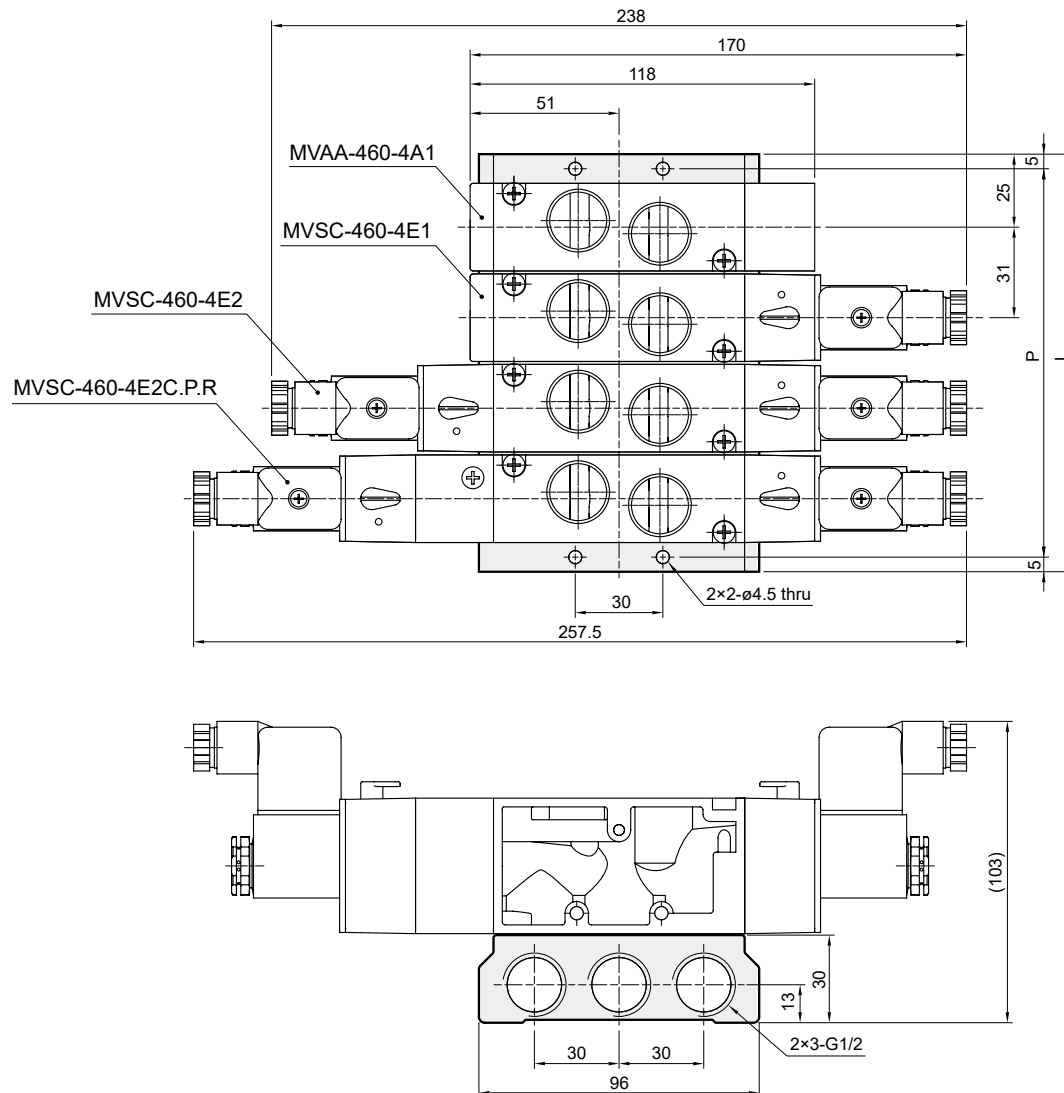
MVSC-460 Manifold

SOLENOID VALVE



MVSC-460-5B*

5 port (for body ported type)



No. of stations	P	L
1	40	50
2	71	81
3	102	112
4	133	143
5	164	174
6	195	205
7	226	236
8	257	267
9	288	298
10	319	329

P: (No. of stations-1)×31+40

L: (No. of stations-1)×31+50