

MVSE-260 series

SOLENOID VALVE



Inner structure



Selection table



Blocking plate



Technical data



Caution for safety
(Read before installing)



Specification

Model		4E1	4E2	4E2 C.P.R
Bore No.		8A		
Port size		1/4		
No. of port		5		
No. of position		2		3
Medium		Air		
Operating perssure range		0.2~1.2 MPa		0.3~1.2 MPa
Proof pressure		1.5 MPa		
Effective orifice		18 mm ²		16 mm ²
Reponse time		40 ms		35 ms
Ambient temperature		-5~+50°C (No freezing)		
Voltage		AC110V, 220V (50/60)Hz, DC24V		
Power consumption	Standard	AC=4.8/4.4VA, 6/4.9VA, DC=2W		
	Power saving	DC=Start: 2W(*) Power saving: 0.5W		
Available voltage range		±10%		
Insulation class		F class		
Weight (g)	Valve	255	350	405
	Manifold	76n+52 (n: Stations)		

* Power saving covert time 100ms.

Order example of valve

MVSE - 260 - 4E2C - AC110 - L - G

MODEL

BODY WIDTH

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

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

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

MVSE - 260 - 5B3 - G

MODEL

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

STATION
1~19

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

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

Table 1

Property for explosion-proof type

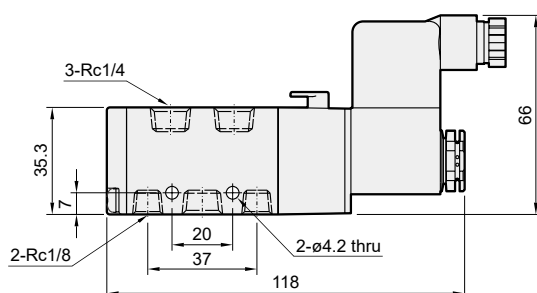
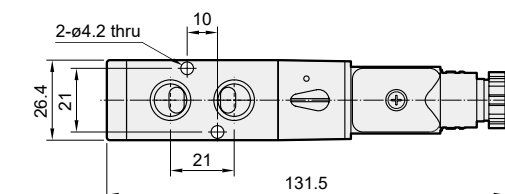
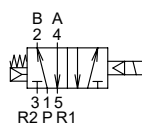
Anti-explosion class	Ex mb IIC T4 Gb
Voltage	AC110V / 220V(50/60)Hz, DC24V
Power consumption	AC110V=4.5VA, AC220V=4.8VA, DC=5W
Available voltage range	±10%
Insulation class	F class
Wire length	3 m

MVSE-260 Dimensions

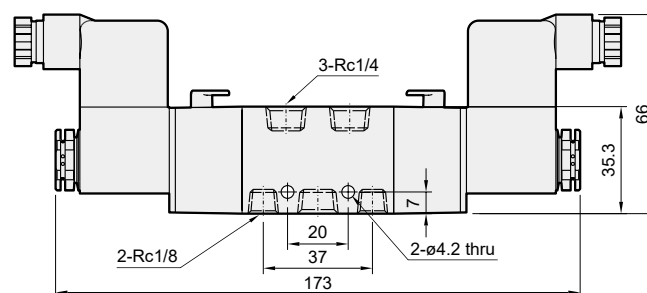
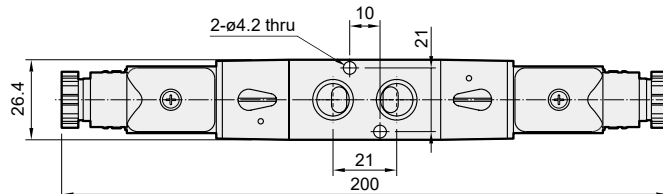
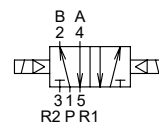
SOLENOID VALVE



MVSE-260-4E1



MVSE-260-4E2

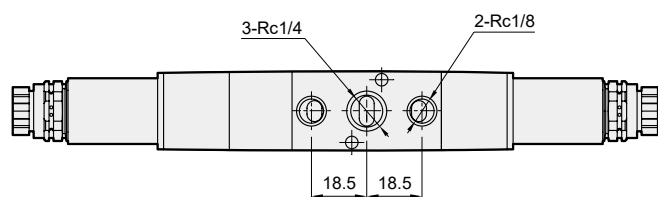
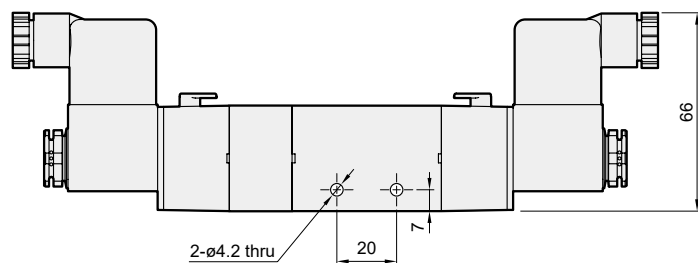
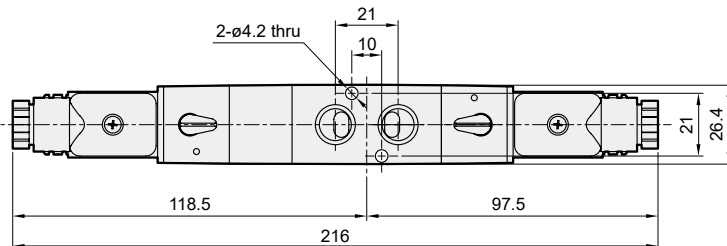
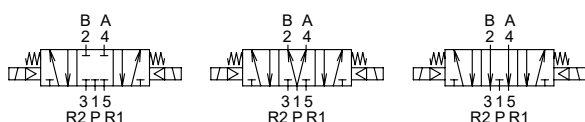


MVSE-260-4E2C.P.R

MVSE-260-4E2C

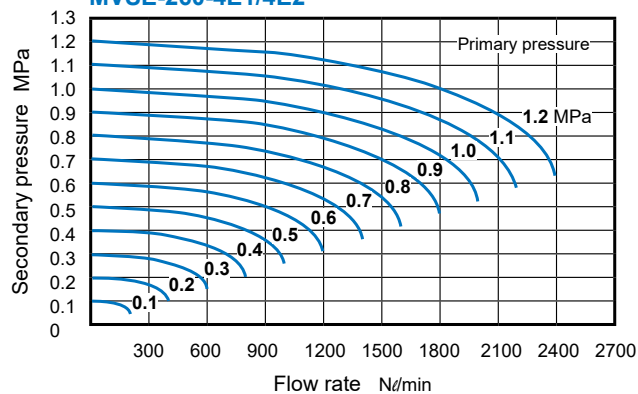
MVSE-260-4E2P

MVSE-260-4E2R



Flow features

MVSE-260-4E1/4E2



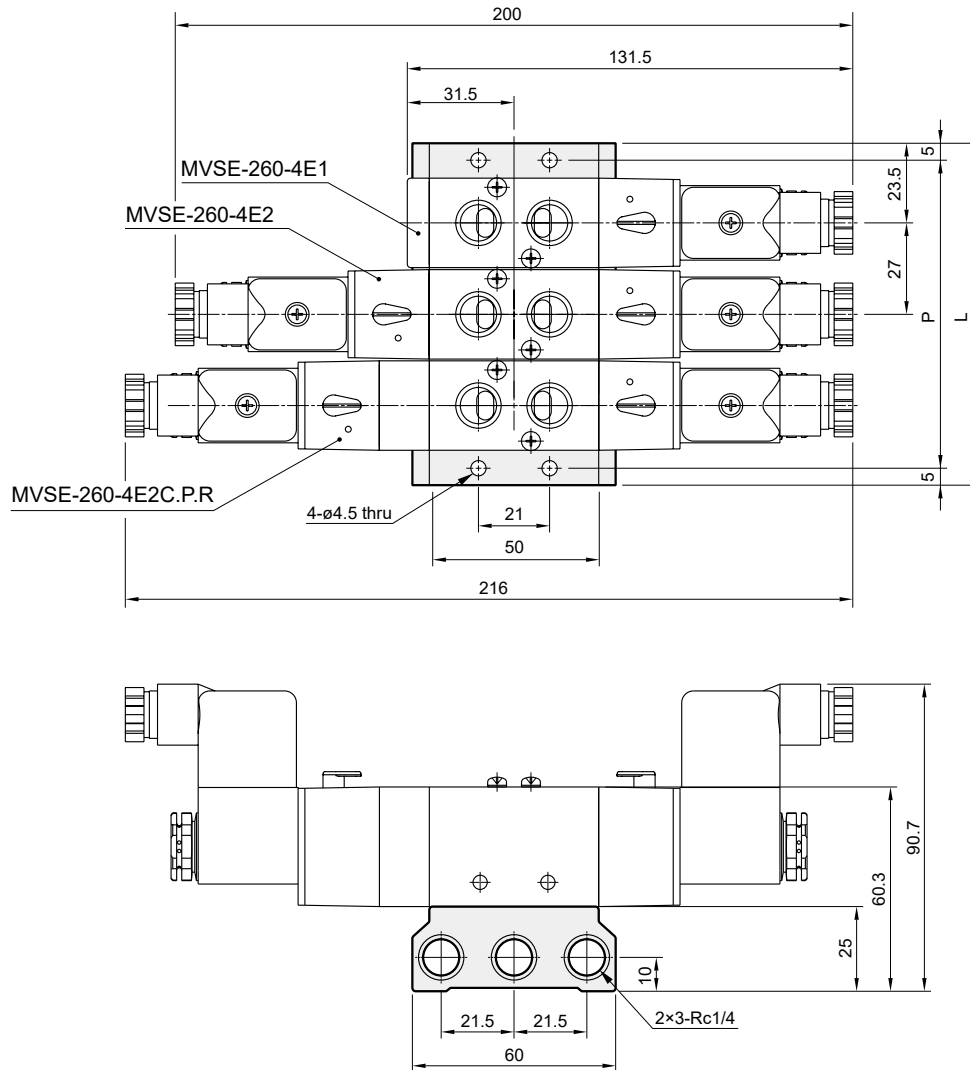
MVSE-260 Manifold

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MVSE-260-5B*

5 port (for body ported type)



No. of stations	P	L
1	37	47
2	64	74
3	91	101
4	118	128
5	145	155
6	172	182
7	199	209
8	226	236
9	253	263
10	280	290

P: (No. of stations-1)×27+37

L: (No. of stations-1)×27+47