

MVSE-300 series

SOLENOID VALVE



Selection table



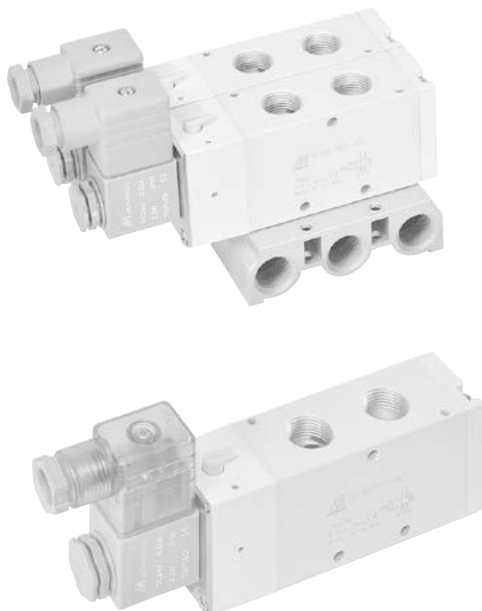
Blocking plate



Technical data



Caution for safety
(Read before installing)



Specification

Model	4E1	4E2	4E2 C.P.R
Bore No.	10A		
Port size	3/8		
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	35 mm ²		34.5 mm ²
Reponse time	50 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	406 g	508 g	577 g

* Power saving covert time 100ms.

Order example of valve

MVSE — 300 — 4E2C — AC110 — L — G

MODEL

BODY WIDTH

VOLTAGE

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

4: 4 way (5 port)

E1: Single Solenoid
E2: Double Solenoid

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

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

PORT THREAD

Blank: Rc thread
G: G thread
NPT: NPT thread

Order example of manifold

MVSE — 300 — 5B3 — G

MODEL

MANIFOLD

5B: 5 port (for body ported type)

MANIFOLD NUMBER

1~17

PORT THREAD

Blank: Rc thread
G: G 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
Wire length	3 m

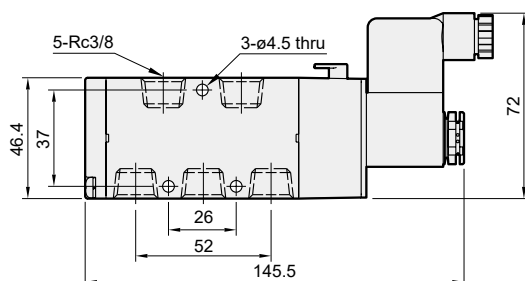
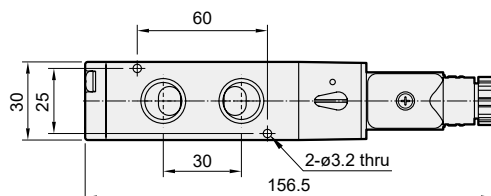
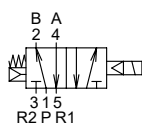
* Starting from 11 stations, manifolds are made to order.

MVSE-300 Dimensions

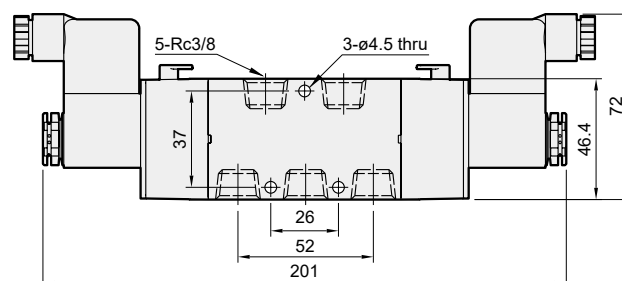
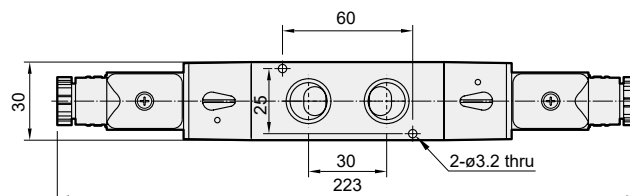
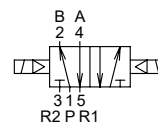
SOLENOID VALVE



MVSE-300-4E1

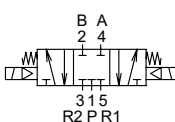


MVSE-300-4E2

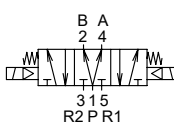


MVSE-300-4E2C.PR

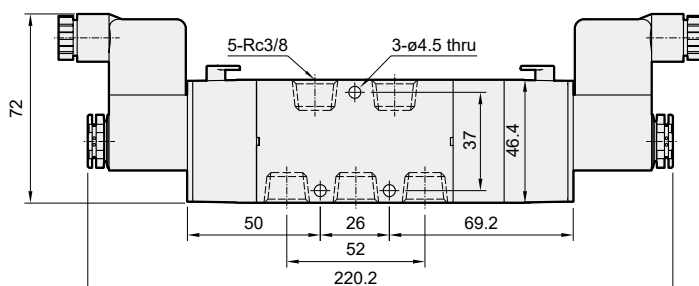
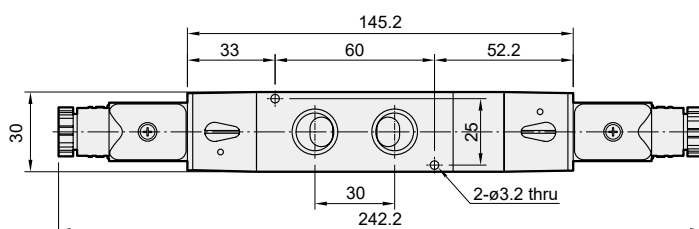
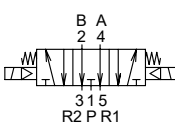
MVSE-300-4E2C



MVSE-300-4E2P

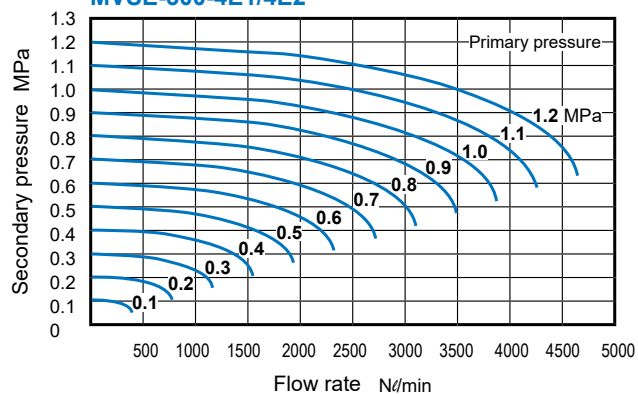


MVSE-300-4E2R



Flow features

MVSE-300-4E1/4E2



5 port (for body ported type)

