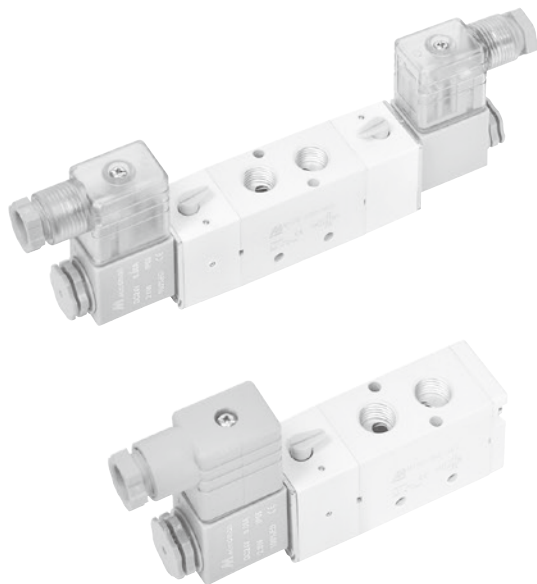


MVSE-260 series

SOLENOID VALVE



Mindman



Specification

Model	4E1	4E2	4E2 C.P.R
Bore No.	8A		
Port size	Rc1/4		
No. of port	5		
No. of position	2		3
Medium	Air		
Operating pressure range	0.2~1.2 MPa		0.3~1.2 MPa
Proof pressure	1.5 MPa		
Effective orifice	18 mm ²		16 mm ²
Response time	40 ms		35 ms
Ambient temperature	-5~+50°C (No freezing)		
Voltage	AC110V, 220V (50/60)Hz, DC24V		
Power consumption	AC=4.8/4.4VA, 6/4.9VA, DC=2W		
Available voltage range	±10%		
Insulation class	F class		
Weight	255 g	350 g	405 g

Order example of valve

MVSE — 260 — 4E2C — AC110 — L — G

MODEL

BODY WIDTH

VOLTAGE

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

ELECTRIC CONNECTION

Blank: DIN terminal
L: DIN terminal with LED indicator
E: Explosion protection (Table 1)

(E type use black coil)

PORT THREAD

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

4: 4 way (5 port)

E1: Single Solenoid
E2: Double Solenoid

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

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

Order example of manifold

MVSE — 260 — 5B3 — G

MODEL

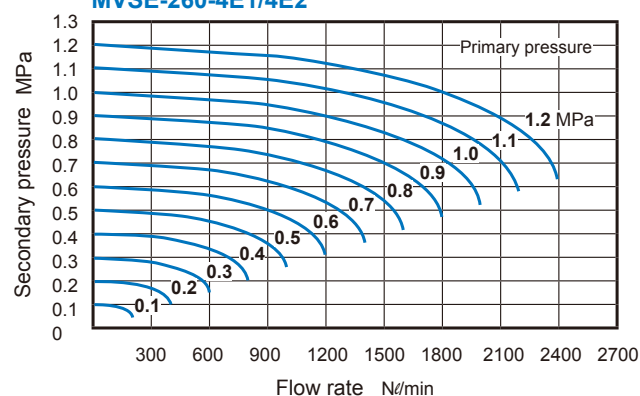
MANIFOLD
5B: 5 port (for body ported type)

MANIFOLD NUMBER
1, 2, 3...

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

Flow features

MVSE-260-4E1/4E2

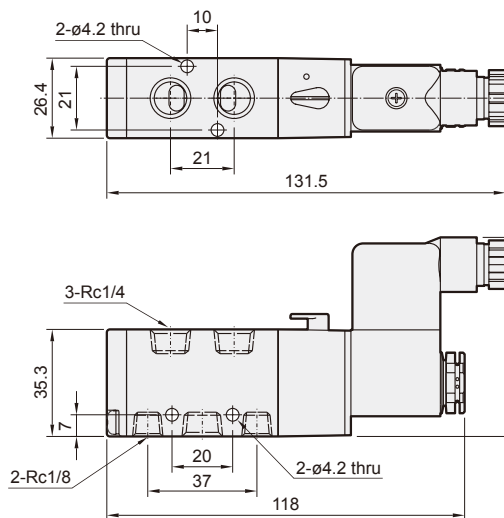
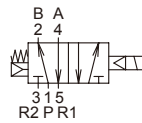


MVSE-260 Dimensions

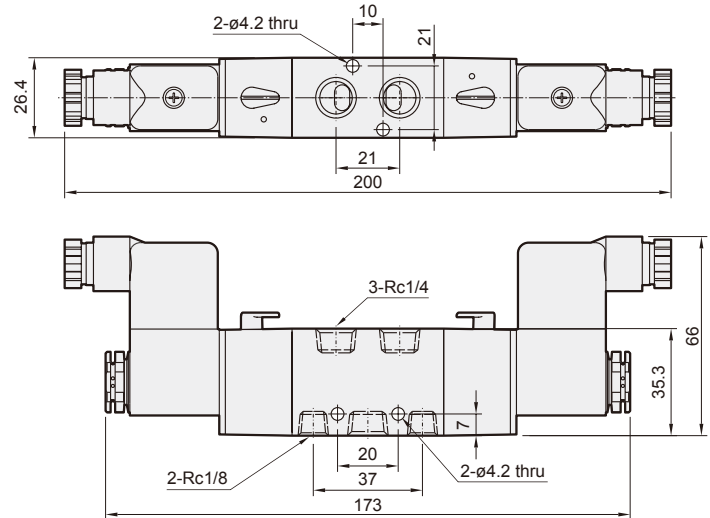
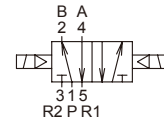
SOLENOID VALVE



MVSE-260-4E1



MVSE-260-4E2

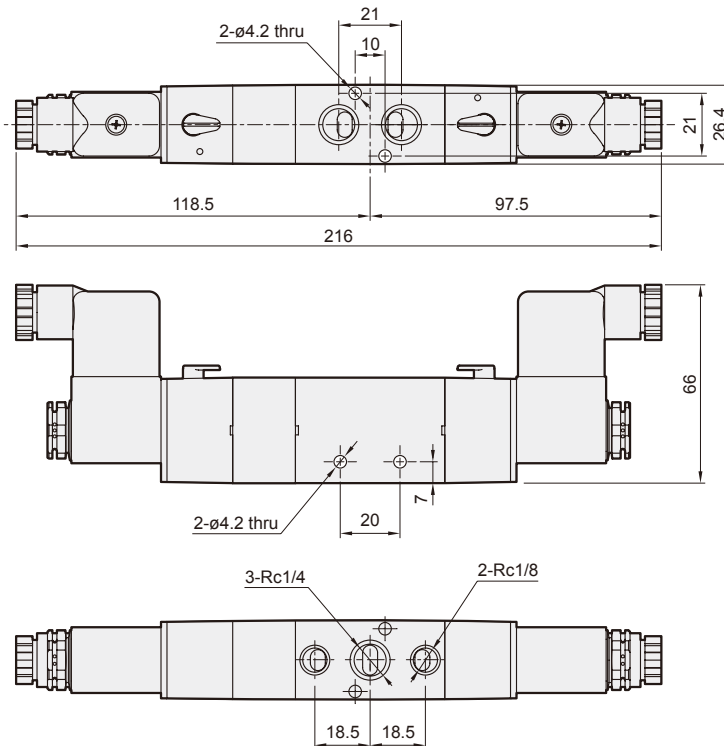
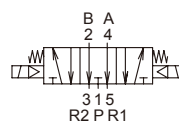
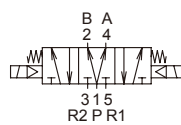
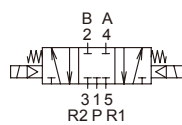


MVSE-260-4E2C.PR

MVSE-260-4E2C

MVSE-260-4E2P

MVSE-260-4E2R



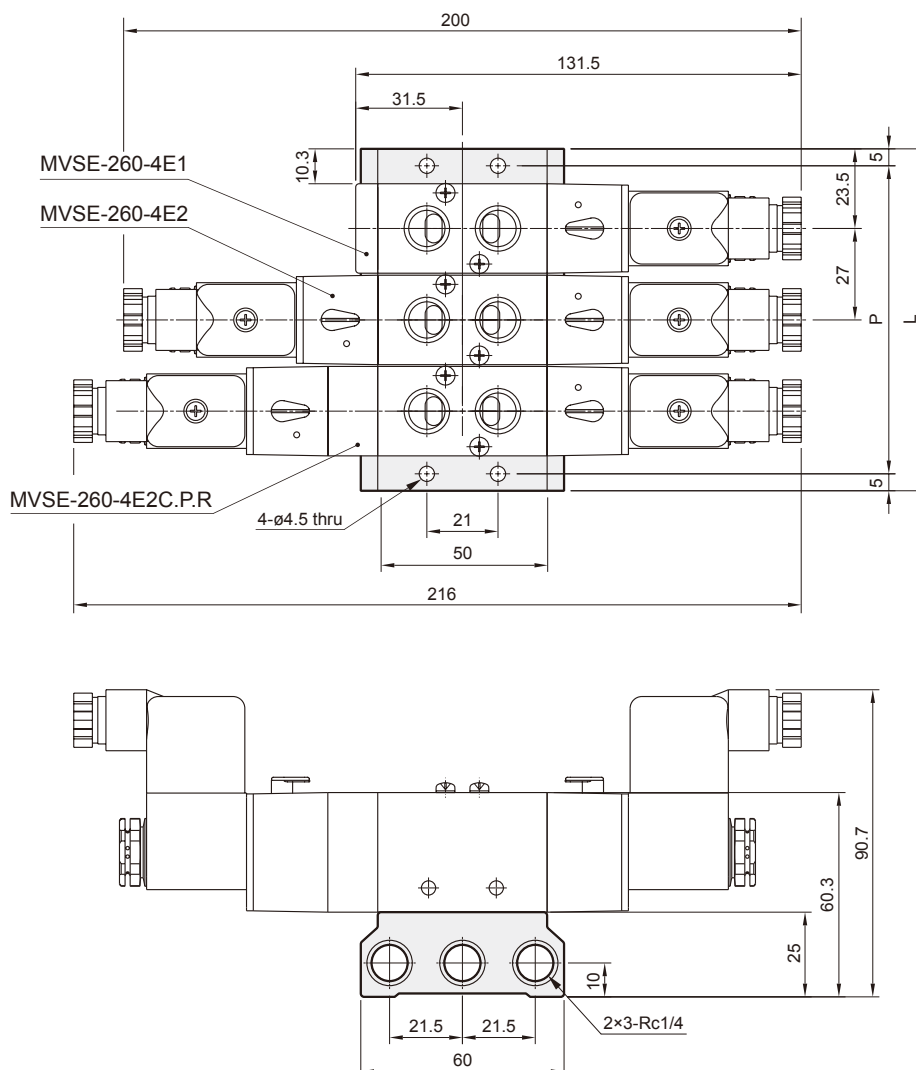
MVSE-260 Manifold

SOLENOID VALVE



MVSE-260-5B*

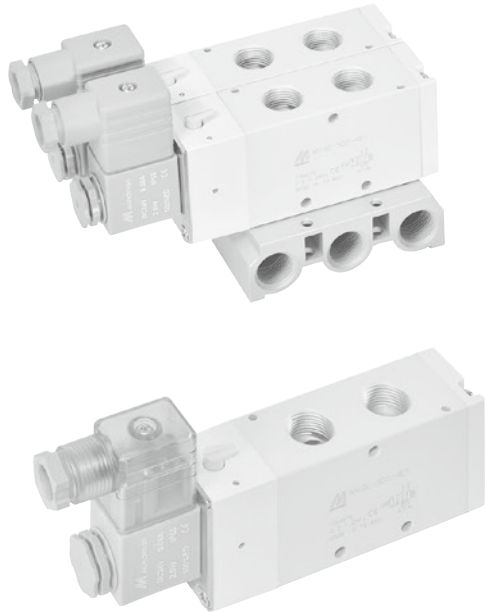
5 port (for body ported type)



No. of stations	P	L
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

MVSE-300 series

SOLENOID VALVE



Specification

Model	4E1	4E2	4E2 C.P.R
Bore No.	10A		
Port size	Rc3/8		
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	AC=4.8/4.4VA, 6/4.9VA, DC=2W		
Available voltage range	±10%		
Insulation class	F class		
Weight	406 g	508 g	577 g

Order example of valve

MVSE — 300 — 4E2C — AC110 — L — G

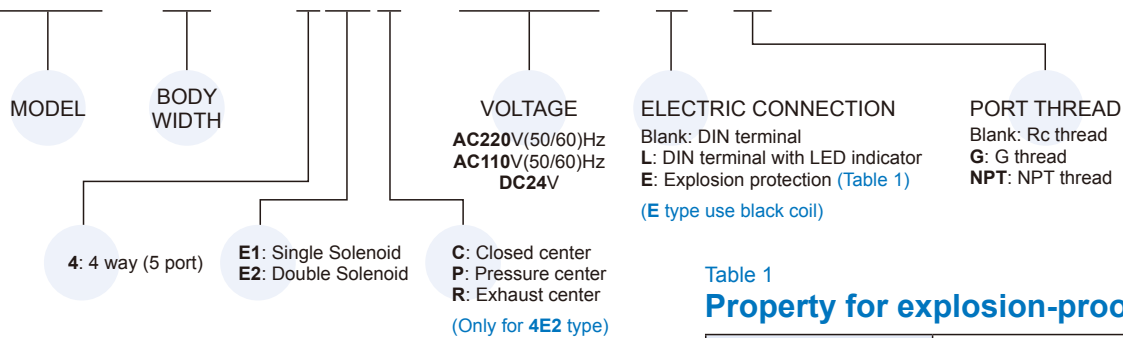


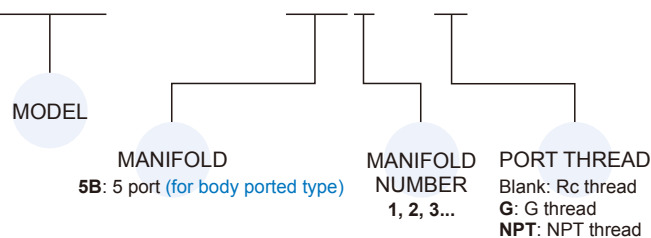
Table 1

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

Order example of manifold

MVSE — 300 — 5B3 — G

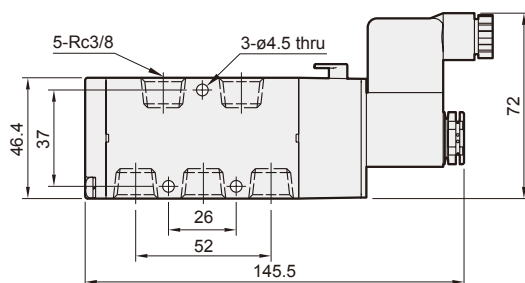
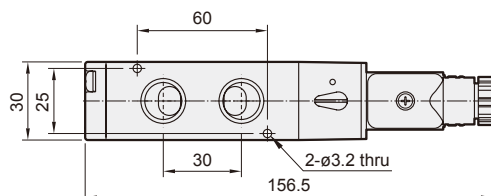
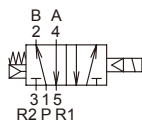


MVSE-300 Dimensions

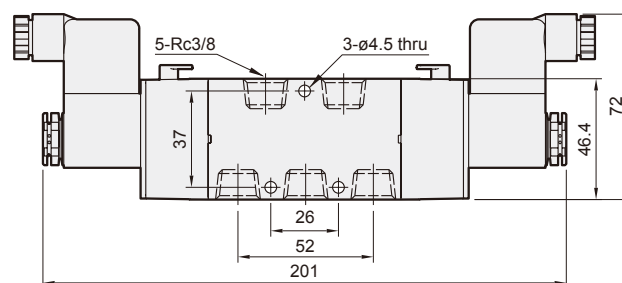
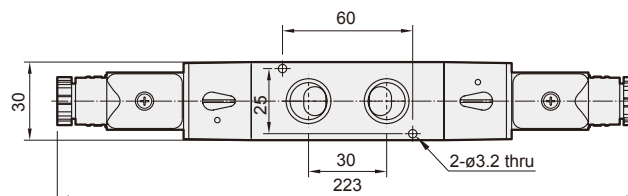
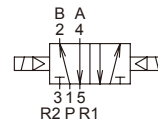
SOLENOID VALVE



MVSE-300-4E1

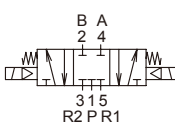


MVSE-300-4E2

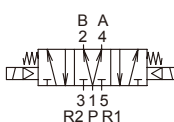


MVSE-300-4E2C.PR

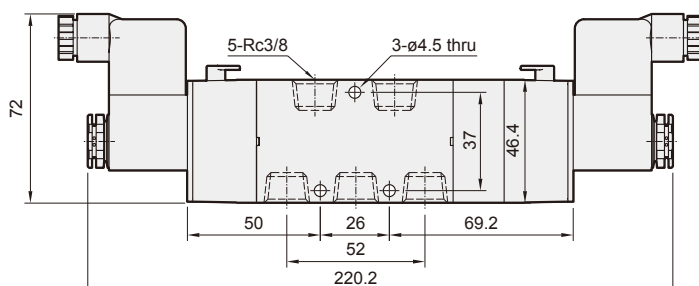
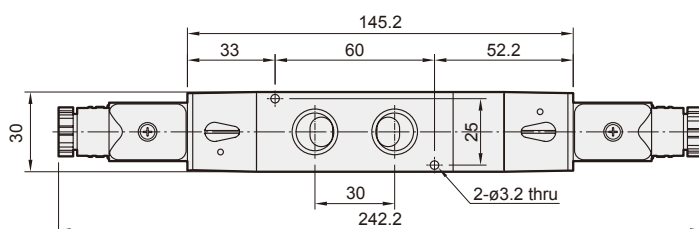
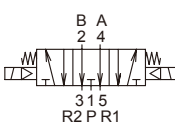
MVSE-300-4E2C



MVSE-300-4E2P

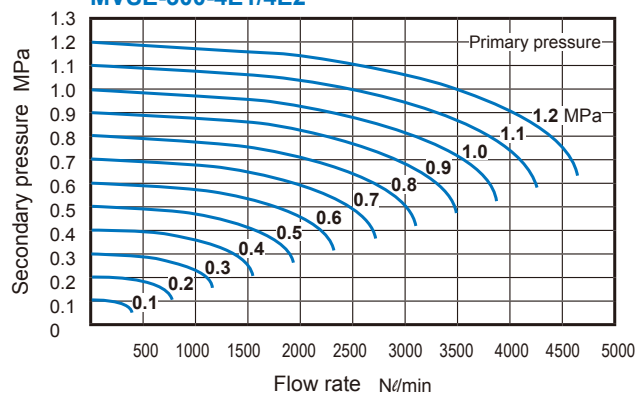


MVSE-300-4E2R

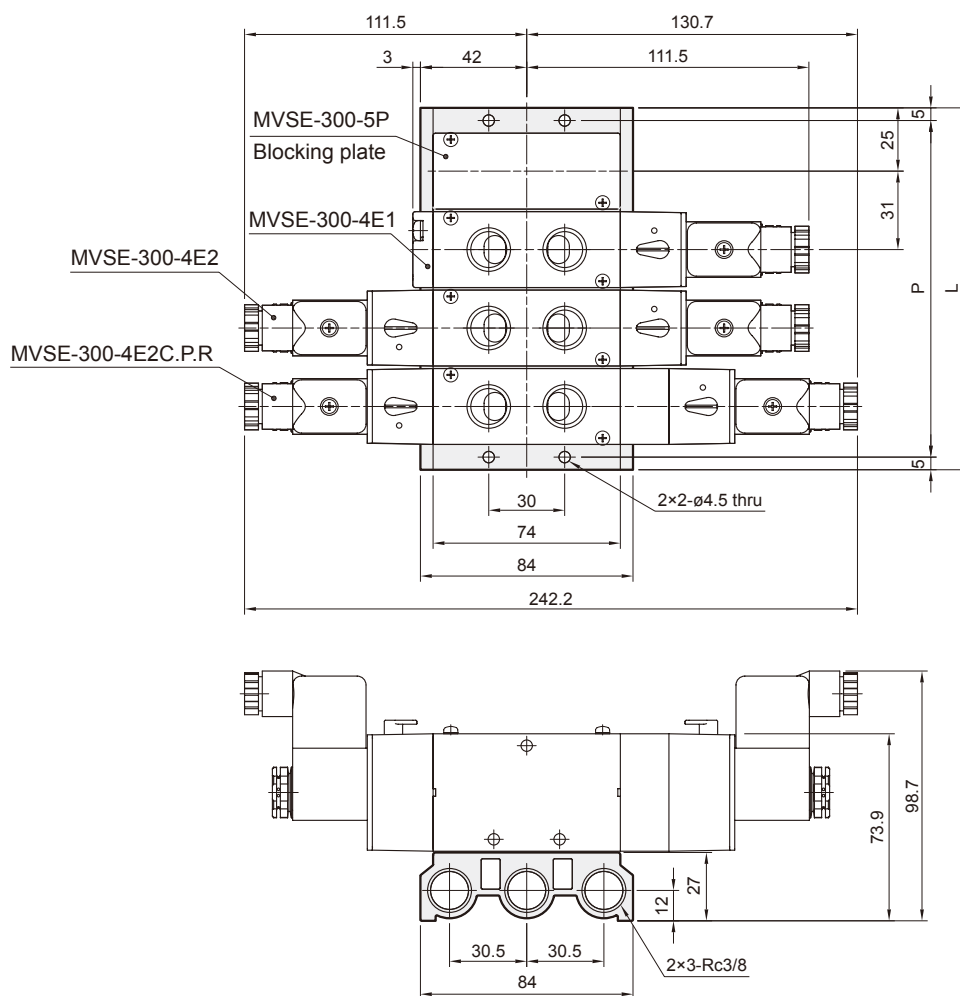


Flow features

MVSE-300-4E1/4E2



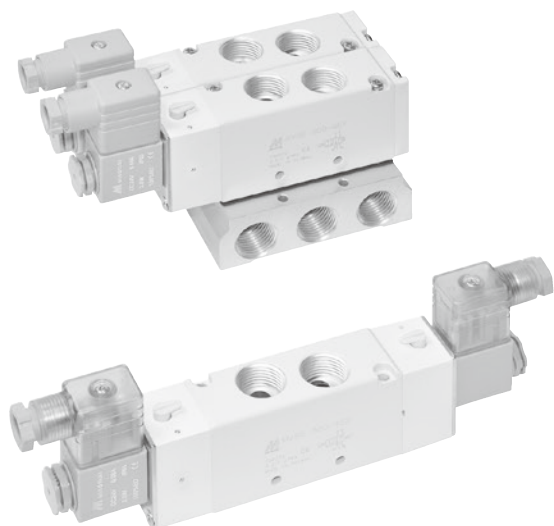
5 port (for body ported type)



No. of stations	P	L
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

MVSE-500 series

SOLENOID VALVE



Specification

Model	4E1	4E2
Bore No.	15A	
Port size	Rc1/2	
No. of port	5	
No. of position	2	
Medium	Air	
Operating pressure range	0.2~1.2 MPa	
Proof pressure	1.5 MPa	
Effective orifice	41 mm ²	
Response time	50 ms	
Ambient temperature	-5~+50°C (No freezing)	
Voltage	AC110V, 220V (50/60)Hz, DC24V	
Power consumption	AC=4.8/4.4VA, 6/4.9VA, DC=2W	
Available voltage range	±10%	
Insulation class	F class	
Weight	453 g	554 g

Order example of valve

MVSE — 500 — 4E2 — AC110 — L — G

MODEL

BODY WIDTH

VOLTAGE

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

ELECTRIC CONNECTION

Blank: DIN terminal
L: DIN terminal with LED indicator
E: Explosion protection (Table 1)

PORT THREAD

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

4: 4 way (5 port)

E1: Single Solenoid
E2: Double Solenoid

(E type use black coil)

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

Order example of manifold

MVSE — 500 — 5B3 — G

MODEL

MANIFOLD

5B: 5 port (for body ported type)

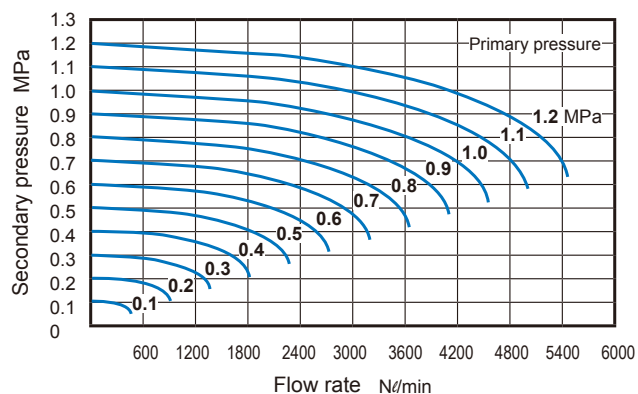
MANIFOLD NUMBER

1, 2, 3...

PORT THREAD

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

Flow features

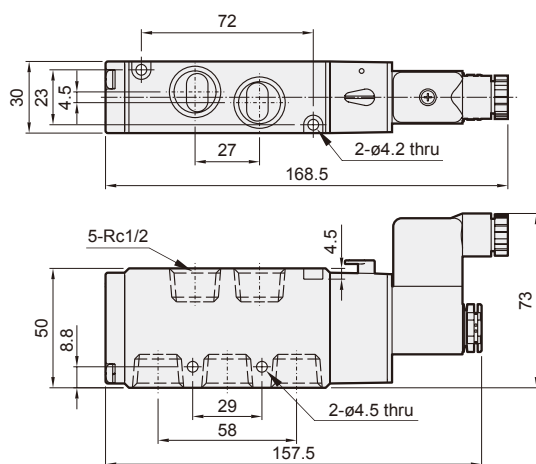
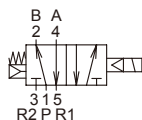


MVSE-500 Dimensions

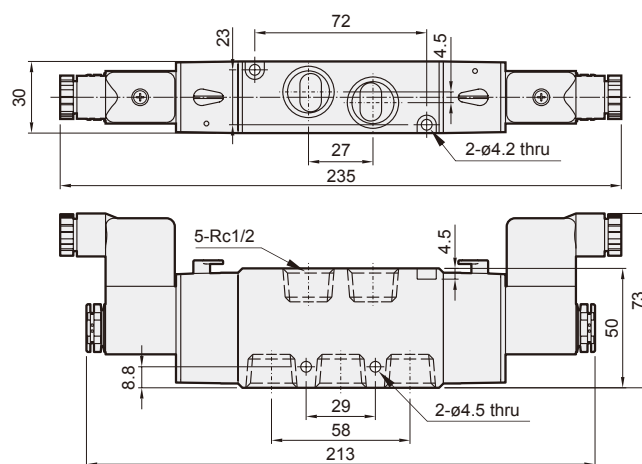
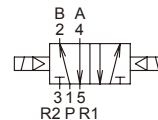
SOLENOID VALVE



MVSE-500-4E1



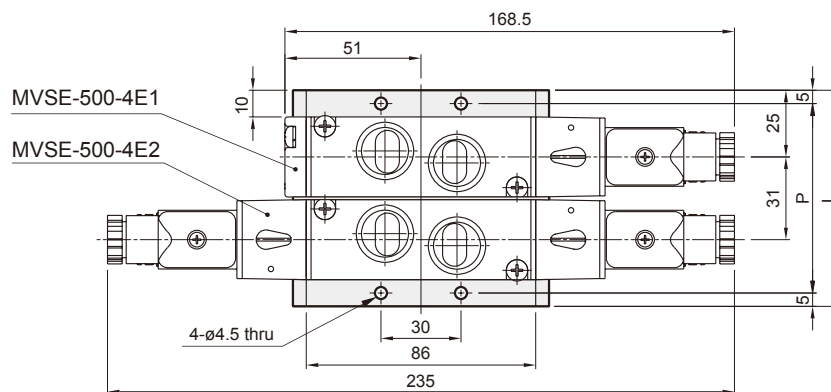
MVSE-500-4E2



Manifold of solenoid valve

MVSE-500-5B*

5 port (for body ported type)



No. of stations	P	L
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