MVSE-500 series

SOLENOID VALVE

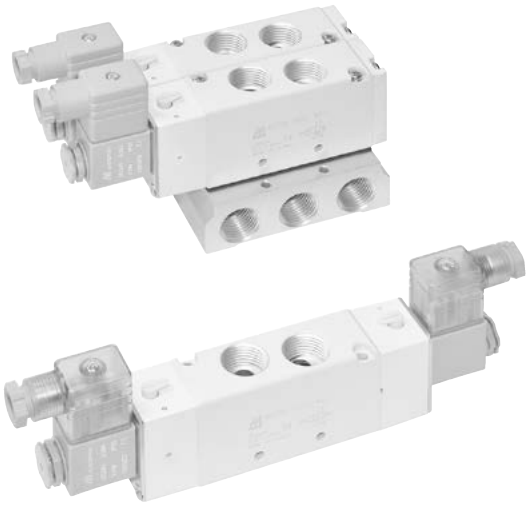
mindman

Selection table

Blocking plate

Technical data

Caution for safety
(Read before installing)



Specification

Model		4E1	4E2
Bore No.		15A	
Port size		1/2	
No. of port		5	
No. of position		2	
Medium		Air	
Operating perssure range		0.2~1.2 MPa	
Proof pressure		1.5 MPa	
Effective orifice		41 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		453 g	554 g

* Power saving covert time 100ms.

Order example of valve

MVSE — 500 — 4E2 — AC110 — L — G

- MODEL
- BODY WIDTH
- **4**: 4 way (5 port)
- **E1**: Single Solenoid
  E2: Double Solenoid
- VOLTAGE
  AC220V(50/60)Hz
  AC110V(50/60)Hz
  DC24V
- 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 — 500 — 5B3 — G

- MODEL
- MANIFOLD
  5B: 5 port
  (for body ported type)
- MANIFOLD NUMBER
  1~12
- PORT THREAD
  Blank: Rc thread
  G: G thread
  NPT: NPT thread

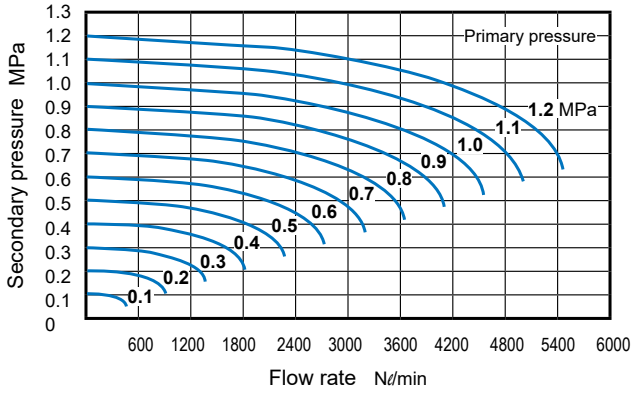
* Starting from 11 stations, manifolds are made to order.

Table 1

Property for explosion-proof type

Anti-explosion class	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

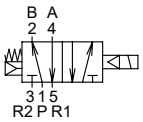
Flow features

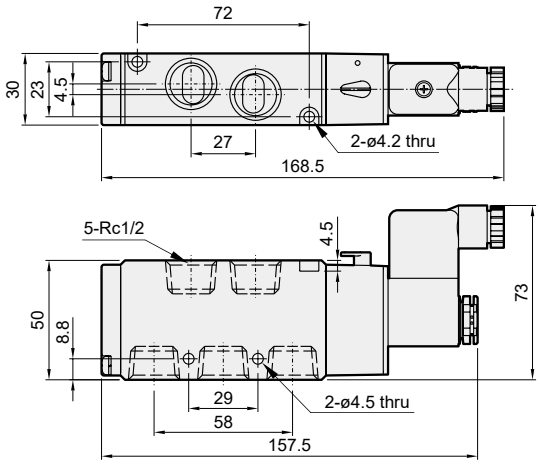


MVSE-500 Dimensions

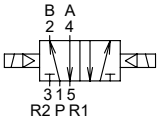
SOLENOID **VALVE**

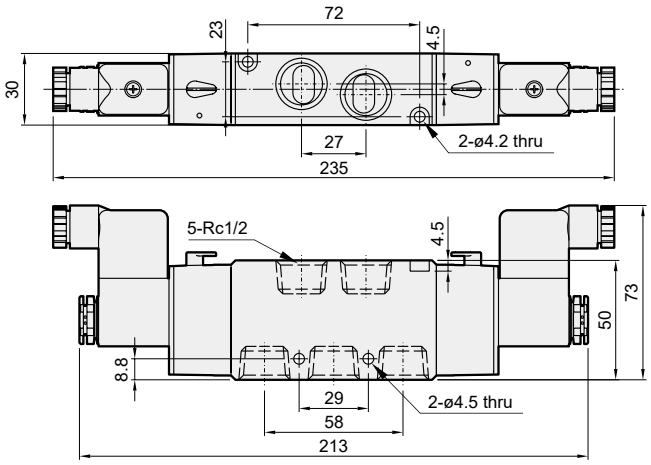
MVSE-500-4E1





MVSE-500-4E2





Manifold of solenoid valve

MVSE-500-5B*

5 port (for body ported type)

No. of stations	P	L
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