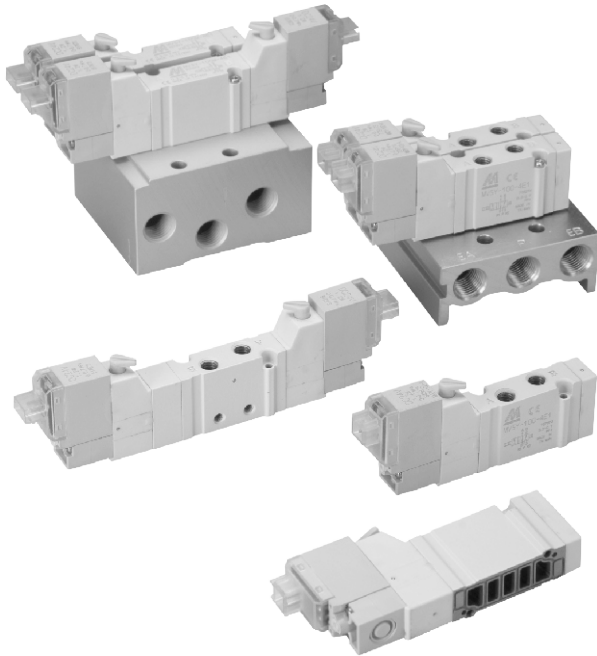


MVSY-100 series

SOLENOID VALVE



Mindman



Specification

Model	4E1	4E2	4E2C.P.R
Bore No.	M5		
Port size	M5×0.8		
No. of port	5		
No. of position	2	3	
Medium	Air		
Operating pressure range	0.2~0.7 MPa		
Proof pressure	1 MPa		
Effective orifice	Body ported	4.5 mm ²	4.5 mm ²
	Manifold	4.5 mm ²	4.5 / 5 / 4.5 mm ²
Response time	12 ms		15 ms
Ambient temperature	+5~+50°C		
Voltage	AC110V, AC220V (50/60)Hz, DC6/12/24V		
Power consumption	AC=1.6 / 2.5VA, DC=0.55W (LED indicator)		
Available voltage range	±10%		
Insulation class	B class		
Weight	30 g	43 g	55 g

Order example of valve

MVSY – 100M – 4E2C – AC110 – LJ1

MODEL

BODY WIDTH

VOLTAGE

AC110V(50/60)Hz
AC220V(50/60)Hz
DC6V
DC12V
DC24V

PLUG TYPE

LJ: Plug on side (※1)

LR: Plug on side (※2)

WIRE LENGTH

Blank: 500mm
1: 1000mm
2: 2000mm
3: 3000mm

Blank: Body ported type
M: Manifold type

4: 4way (5port)

E1: Single solenoid
E2: Double solenoid

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

SR: Plug on top (※2)

※1. Connector with flying leads JPC type.

※2. Connector with flying leads RMH type. (Original)

Order example of manifold

MVSY – 100M – 5M3 – G

MODEL

PORT THREAD

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

Blank: Body ported type
M: Manifold type

MANIFOLD

5B: 5 port (for body ported type)
5M: 5 port (for manifold type)

MANIFOLD NUMBER

1, 2, 3...

Order example of wire

※ Use the same wire with MVDY.

MVDY – 100 – WA2J2

MODEL

VOLTAGE

A2: AC220V(50/60)Hz
A1: AC110V(50/60)Hz
D: DC24V/12V/6V

WIRE

J: JPC type

R: RMH type

WIRE LENGTH

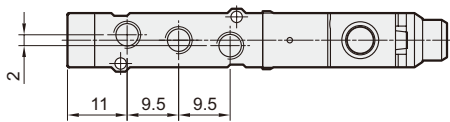
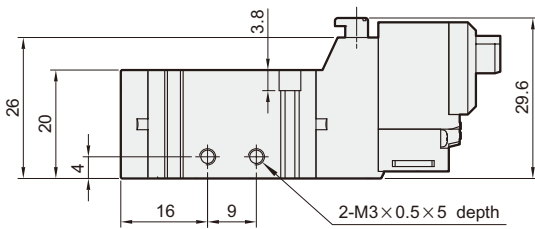
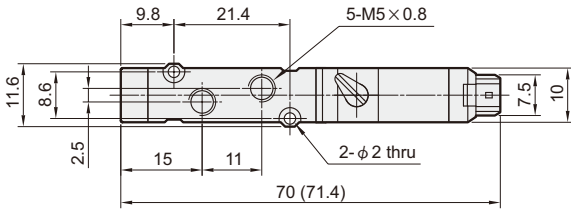
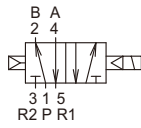
Blank: 500mm
1: 1000mm
2: 2000mm
3: 3000mm

MVSY-100 Dimensions

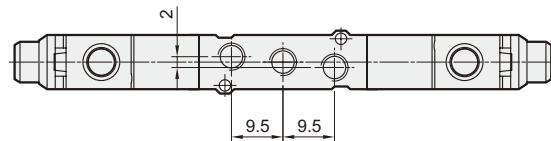
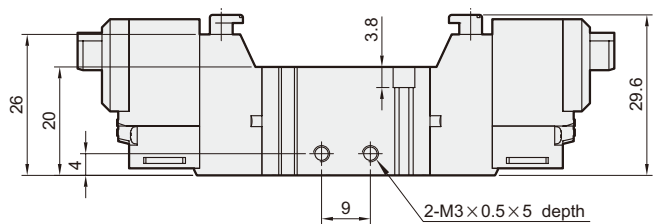
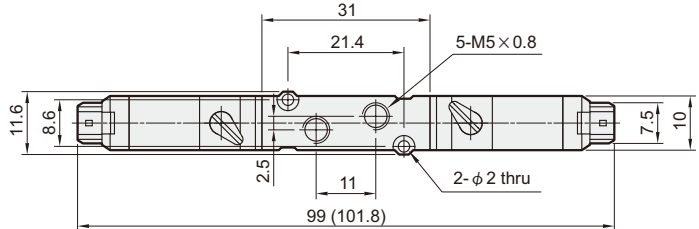
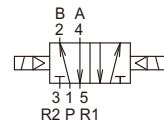
SOLENOID VALVE



MVSY-100-4E1



MVSY-100-4E2

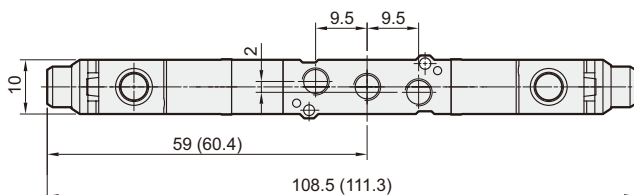
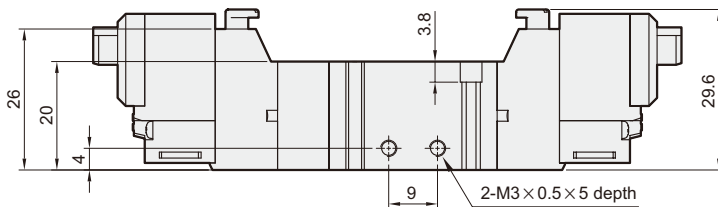
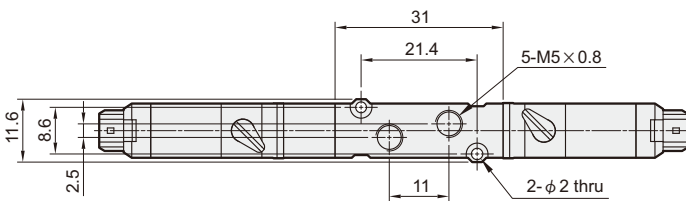
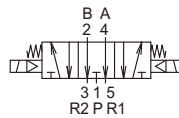
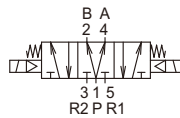
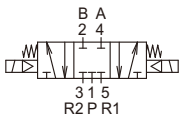


MVSY-100-4E2C.P.R

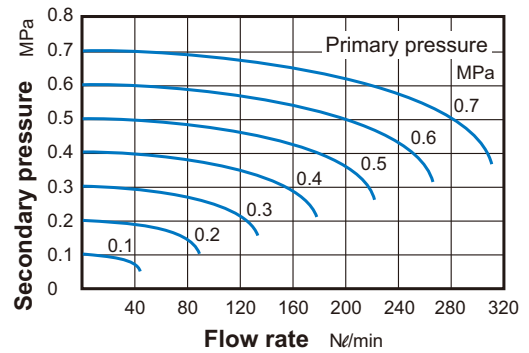
MVSY-100-4E2C

MVSY-100-4E2P

MVSY-100-4E2R



Flow features



(): Dimension for LJ plug type.

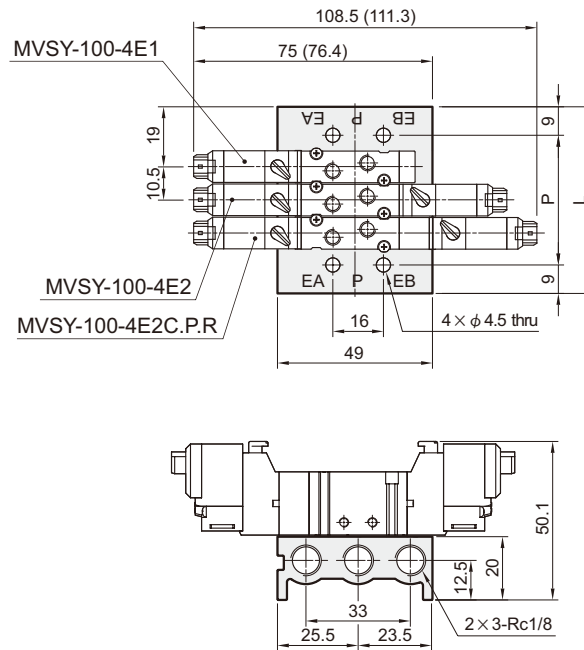
MVSY-100 Manifold

SOLENOID VALVE



MVSY-100-5B*

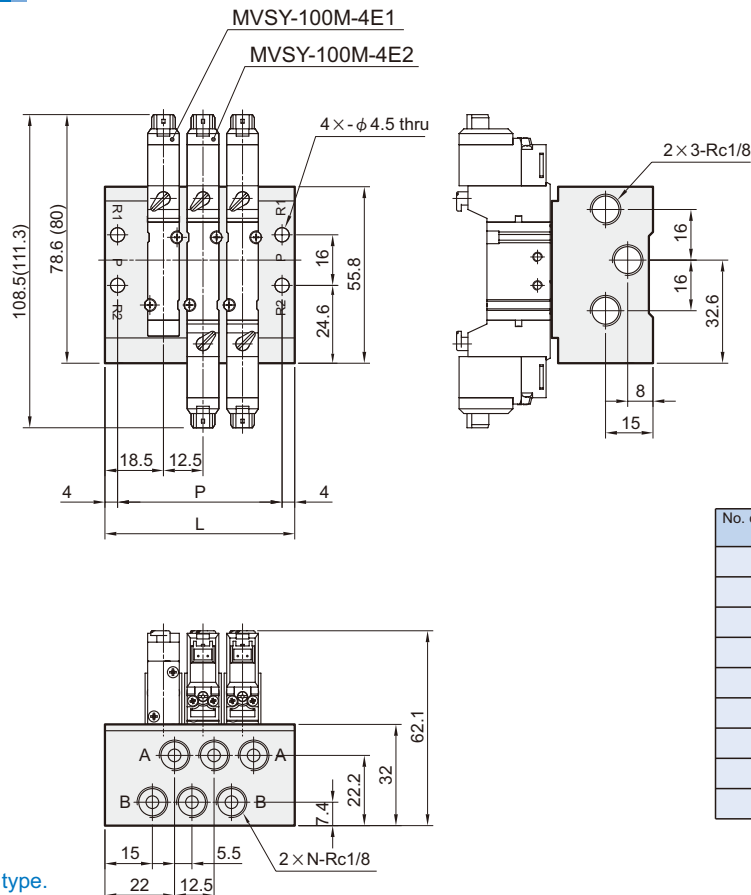
5 port (or body ported type)



No. of stations	P	L
2	30.5	48.5
3	41	59
4	51.5	69.5
5	62	80
6	72.5	90.5
7	83	101
8	93.5	111.5
9	104	122
10	114.5	132.5

MVSY-100M-5M*

5 port (for manifold type)



No. of stations (N)	P	L
2	39.5	47.5
3	52	60
4	64.5	72.5
5	77	85
6	89.5	97.5
7	102	110
8	114.5	122.5
9	127	135
10	139.5	147.5

(): Dimension for LJ plug type.

MVSY-100 Mounting bracket

SOLENOID VALVE



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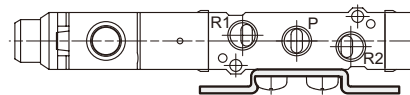
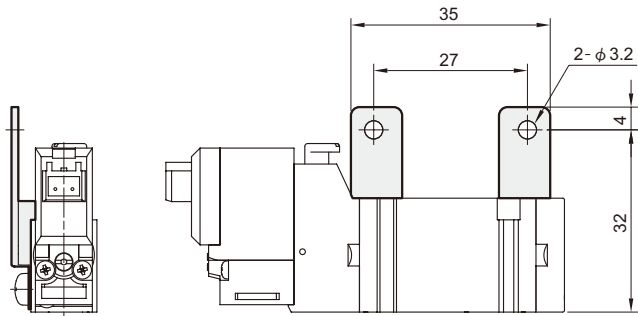
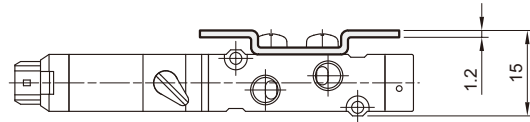
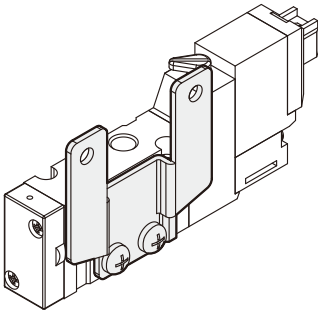
Order example of bracket

MVSY – 100 – 1A

MOUNTING BRACKET

1A
2A

MVSY-100-1A



MVSY-100-2A

