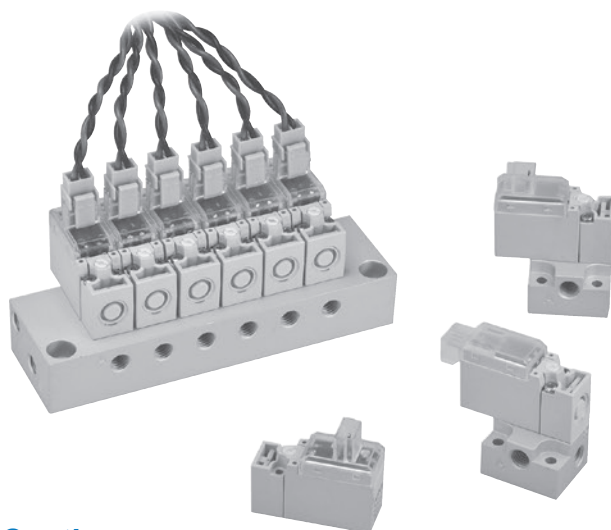


MVDY-100 series

DIRECT ACTING TYPE **SOLENOID VALVE**



mindman

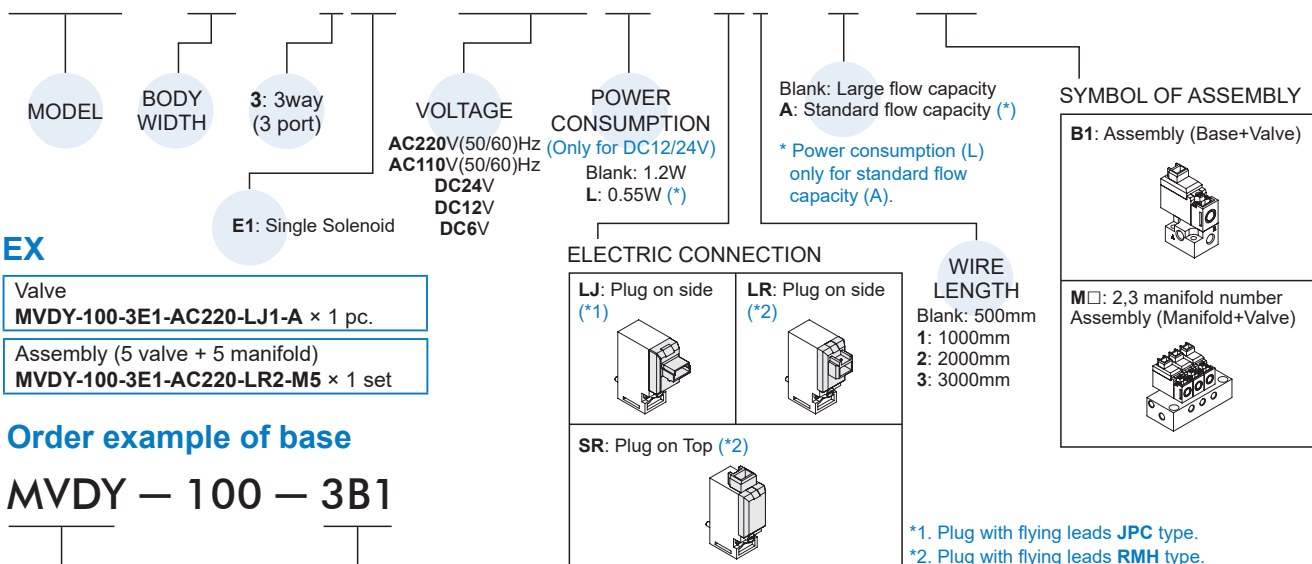


Caution

- Don't continuously energize for over 2 hours.
- The total energizing time of a day is not allowed to exceed the total non-energizing time even if it is intermittent energizing.

Order example of valve

MVDY — 100 — 3E1 — AC110 □ — LJ1 — A — M3



Specification

Model	3E1	3E1-**-A	3E1-**-L-A
No. of port	3		
No. of position	2		
Medium	Air		
Operating perssure range	0~0.7 MPa	0~0.9 MPa	0~0.85 MPa
Proof pressure	1 MPa		
Effective orifice	P→A A→R	0.28 mm ² 0.35 mm ²	0.09 mm ²
Reponse time	DC: 4 ms, AC: 20ms		
Max. operating frequency	5 Hz		
Ambient temperature	+5~+50°C		
Voltage	AC110V, 220V (50/60)Hz, DC24/12/6V		DC24/12V
Power consumption	AC=1.6/2.5VA, DC=1.2W		0.55W
Available voltage range	±10%		
Insulation class	B class		
Weight	12 g		

* Pressure is 0.5 MPa, at rated voltage.

* LED indicator as standard.

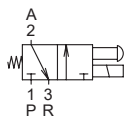
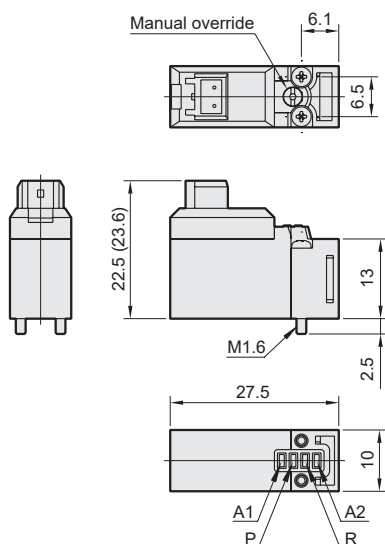
MVDY-100 Dimensions

DIRECT ACTING TYPE SOLENOID VALVE



MVDY-100-3E1

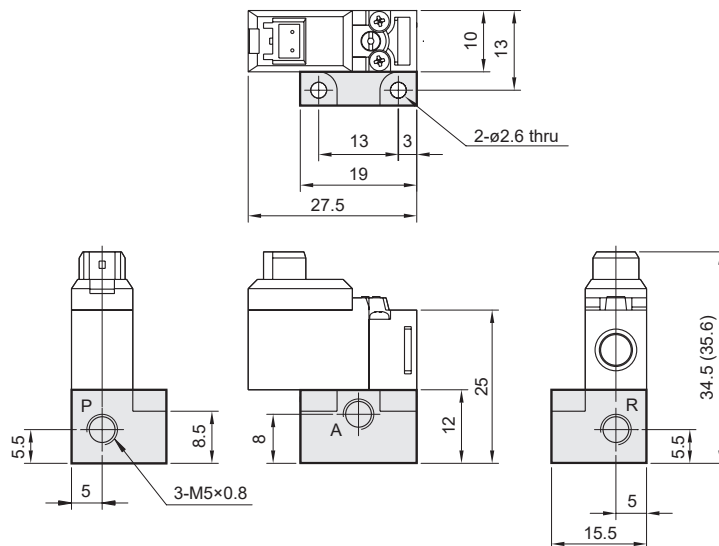
(): Dimension for LJ plug type.



MVDY-100-3B1

3 port base

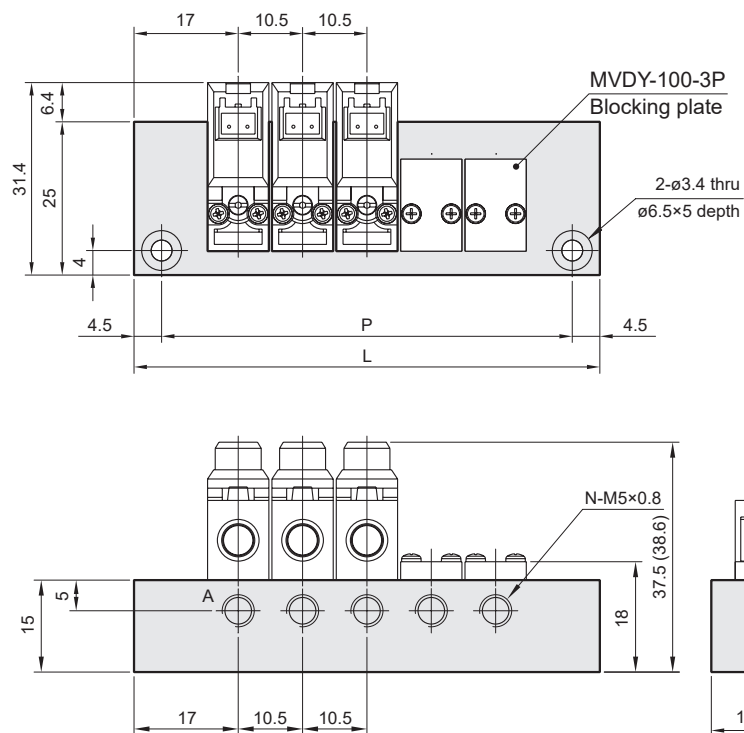
(): Dimension for LJ plug type.



Manifold of solenoid valve

MVDY-100-3M*

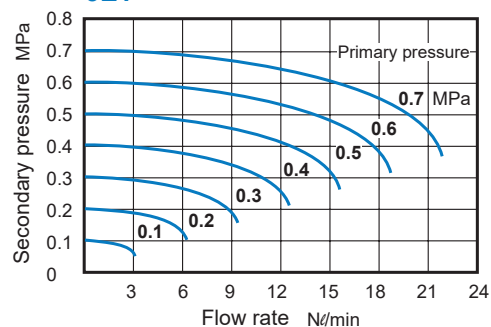
3 port (for manifold type)



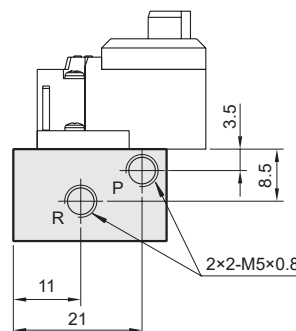
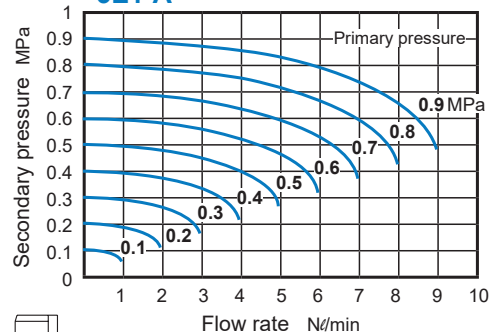
(): Dimension for LJ plug type.

Flow features

3E1



3E1-A



No. of stations (N)	P	L
2	35.5	44.5
3	46	55
4	56.5	65.5
5	67	76
6	77.5	86.5
7	88	97
8	98.5	107.5
9	109	118
10	119.5	128.5