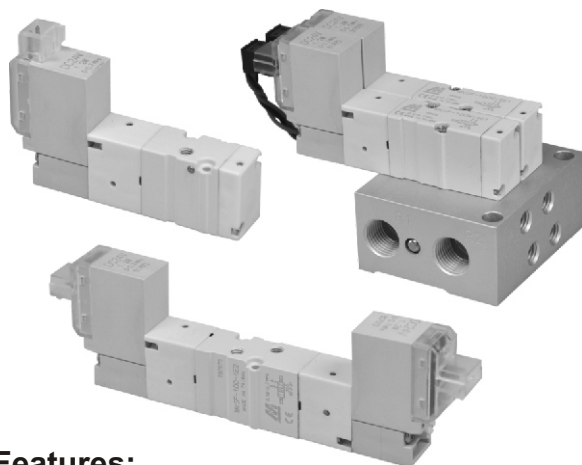


MVSF-100 series

SOLENOID VALVE



Features:

- **Low power consumption: 1.2W**
- **Compact design, Large flow capacity:**
Cv factor for this series is 1.25 times larger than conventional valve with the same body width.
- **Quick response time: 12ms**

Specification:

Model	MVSF-100-3E1, 3E2	MVSF-100-4E1, 4E2
Bore No.	M3	
Port size	M3 × 0.5	
No. of port	3	5
No. of position	2	
Medium	Air	
Operating pressure range	1.5~7 kgf/cm ²	
Effective orifice mm ² (Cv)	P→A/B: 1.0 (0.06)	
Response time	12 ms	
Ambient temperature	- 5~ + 50℃ (No freezing)	
Lubrication	Not necessary	
Voltage	AC110V, AC220V(50/60)Hz, DC6/12/24V	
Power consumption	AC=1.6 / 2.5VA, DC=1.2 W (LED indicator)	
Available voltage range	± 10%	
Insulation class	B class	
Weight	25 g, 41 g	28 g, 44 g

Order example of valve:

MVSF – 100M – 4E2 – NC – DC12 – LJ

MODEL

BODY WIDTH

Blank: body ported type
M: manifold type

3: 3way
4: 4way

E1: Single Solenoid
E2: Double Solenoid

NC: Normally closed
NO: Normally open
(Only for 3E1 type)

VOLTAGE

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

PLUG TYPE

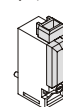
LJ : Plug on side
(※1)



LR : Plug on side
(※2)



SR : Plug on top (※2)



(※1): Connector with flying leads JPC type.

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

Order example of manifold:

MVSF – 100M – 5M3

MODEL

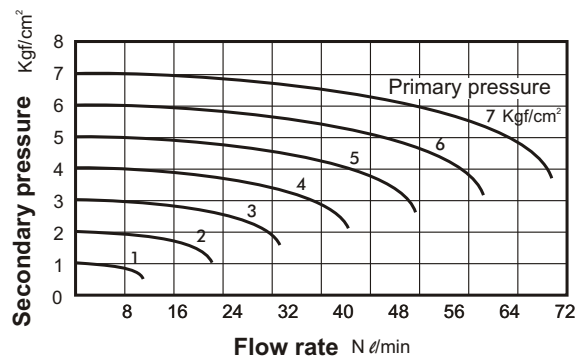
Blank: body ported type
M: manifold type

MANIFOLD

3B: for body ported type
5B: for body ported type
5M: for manifold type

MANIFOLD NUMBER
1, 2, 3...

Flow features:

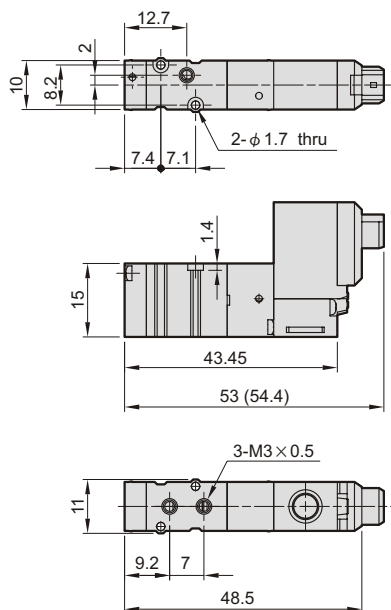
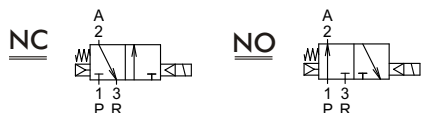


MVSF-100 Dimensions / Manifold

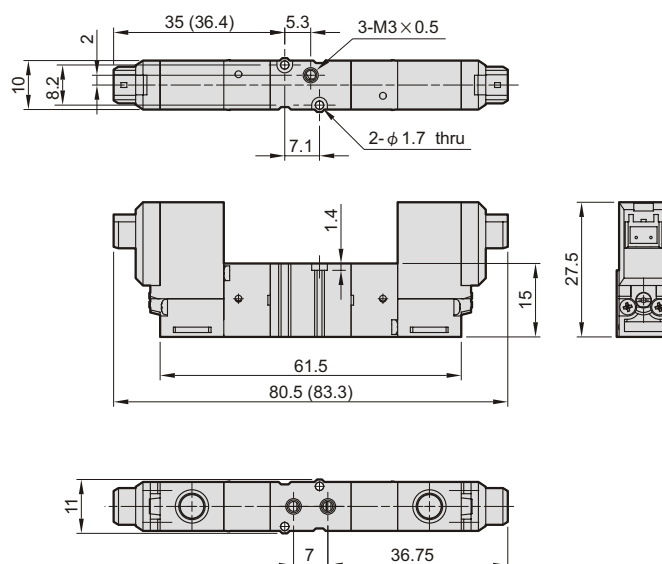
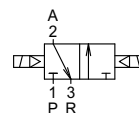
SOLENOID VALVE



MVSF-100-3E1-NC/NO



MVSF-100-3E2

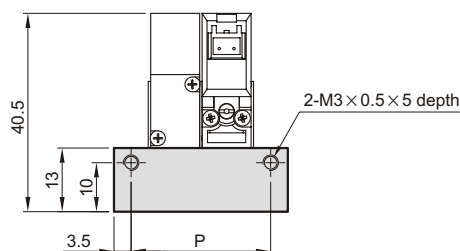
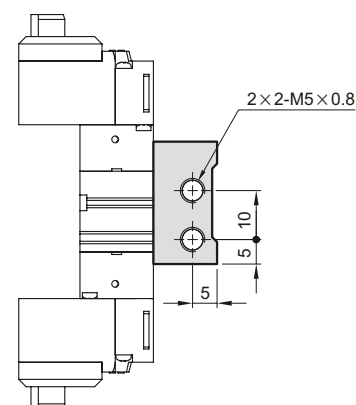
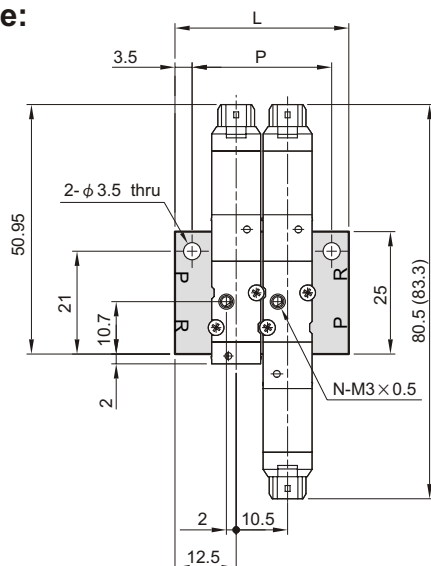


Manifold of solenoid valve:

MVSF-100-3B*

3way (for body ported type)

No. of stations (N)	P	L
2	28.5	35.5
3	39	46
4	49.5	56.5
5	60	67
6	70.5	77.5
7	81	88
8	91.5	98.5
9	102	109
10	112.5	119.5



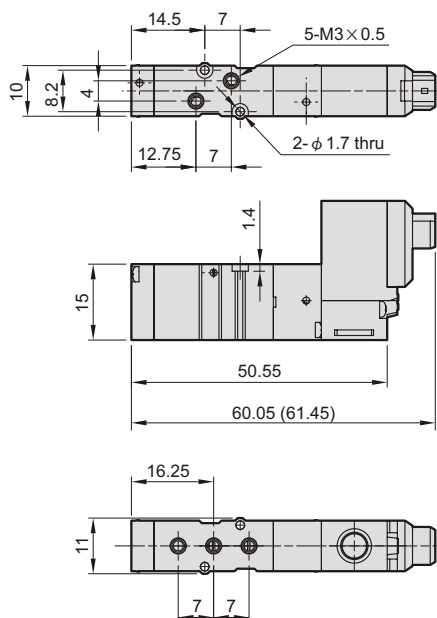
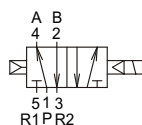
(): Dimension for LJ plug type.

MVSF-100 Dimensions

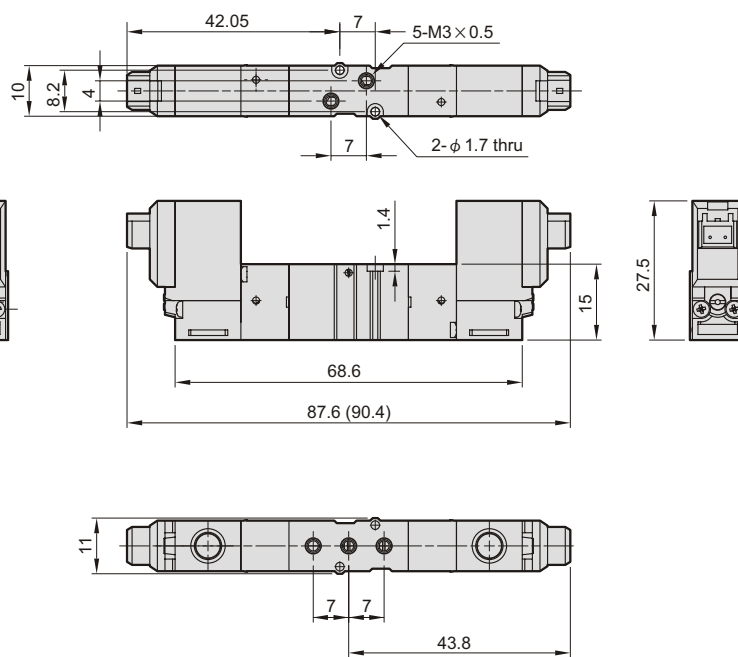
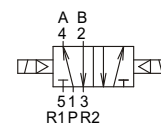
SOLENOID VALVE



MVSF-100-4E1



MVSF-100-4E2

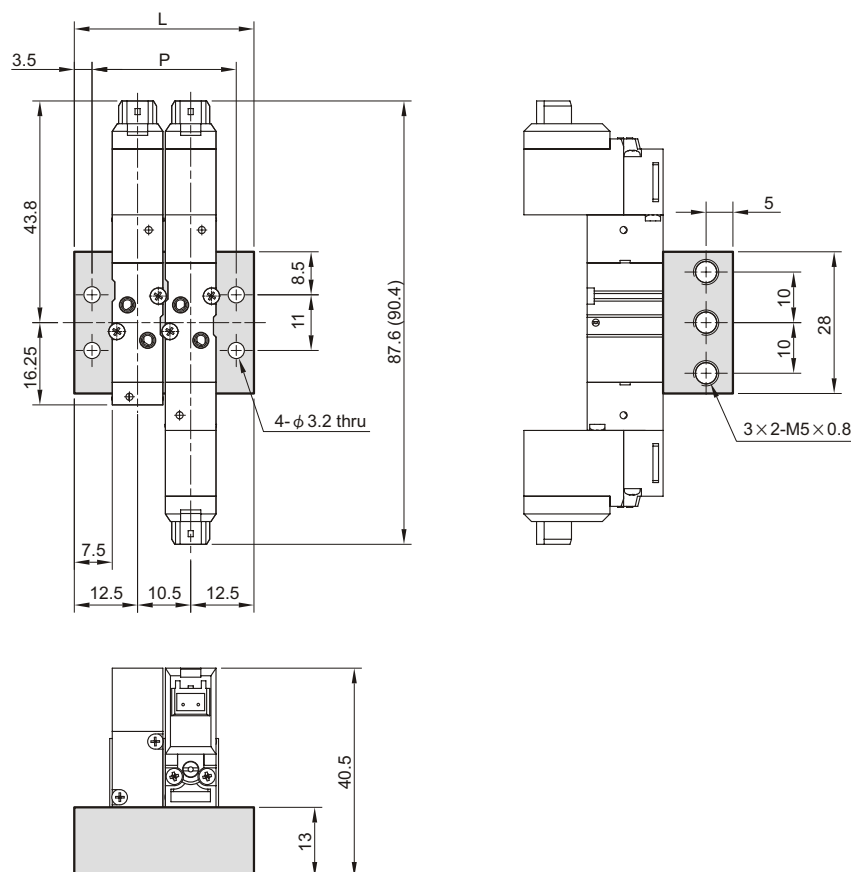


Manifold of solenoid valve:

MVSF-100-5B*

4way (for body ported type)

No. of stations	P	L
2	28.5	35.5
3	39	46
4	49.5	56.5
5	60	67
6	70.5	77.5
7	81	88
8	91.5	98.5
9	102	109
10	112.5	119.5



(): Dimension for LJ plug type.

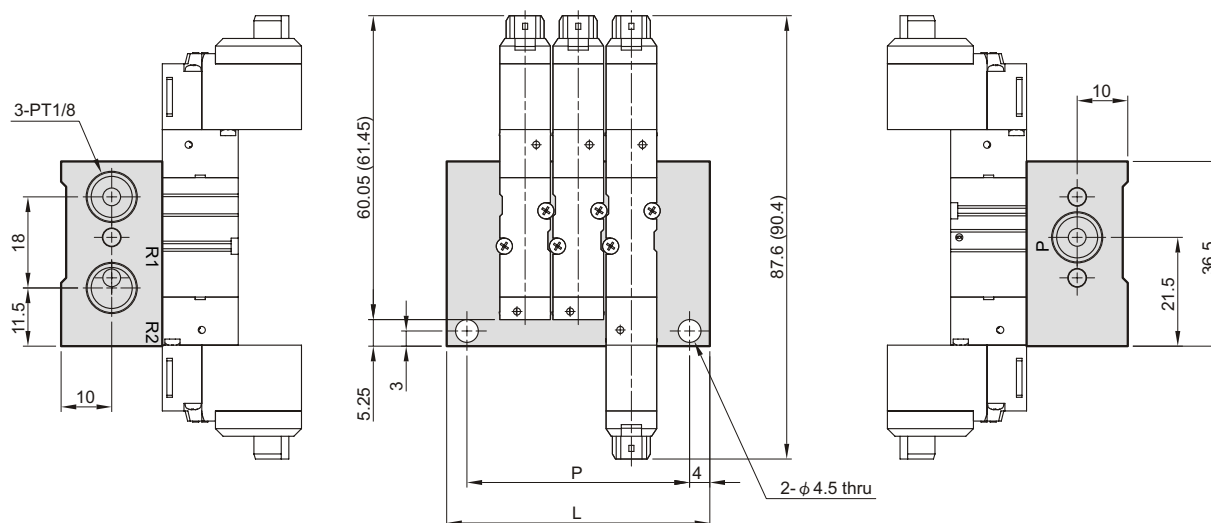
MVSF-100 Manifold

SOLENOID VALVE

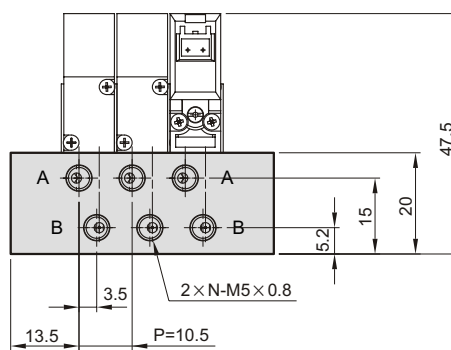


MVSF-100M-5M*

4way (for manifold type)



No. of stations (N)	P	L
2	33.5	41.5
3	44	52
4	54.5	62.5
5	65	73
6	75.5	83.5
7	86	94
8	96.5	104.5
9	107	115
10	117.5	125.5



():Dimension for LJ plug type.