

How to Order

Type of actuation

| | |
|---|----------------------------|
| 1 | 2 position single solenoid |
| 2 | 2 position double solenoid |
| 3 | 3 position closed center |
| 4 | 3 position exhaust center |
| 5 | 3 position pressure center |

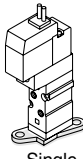
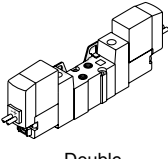
Light/surge voltage suppressor

| | |
|-----|--|
| Nil | Without light/surge voltage suppressor |
| S | With surge voltage suppressor |
| Z | With light/surge voltage suppressor |
| R | With surge voltage suppressor (Non-polar type) |
| U | With light/surge voltage suppressor (Non-polar type) |

* For AC voltage valves there is no "S" option. It is already built-in to the rectifier circuit.
 * For type "R" and "U", DC voltage is only available.
 * Power saving circuit is only available in the "Z" type.

Bracket

Nil: Without bracket
F: With bracket

Single Double

* Brackets cannot be retrofitted.

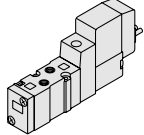
Note) • The double solenoid mounting bracket is supplied unattached.
 • To order the double solenoid bracket for use with a single solenoid valve, order the single solenoid valve without a bracket and order the bracket (VJ3000-13-1) separately.
 (Example) SYJ3120-5M-M3 VJ3000-13-1

Rated voltage

| DC | | AC (50/60 Hz) | |
|----|--------|---------------|-------------------|
| 5 | 24 VDC | 1 | 100 VAC |
| 6 | 12 VDC | 2 | 200 VAC |
| V | 6 VDC | 3 | 110 VAC [115 VAC] |
| S | 5 VDC | 4 | 220 VAC [230 VAC] |
| R | 3 VDC | | |

* For type W□, DC voltage is only available.

5 port



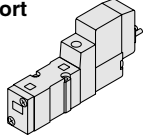
(Type 20 Manifold)

Body ported SYJ3 1 2 0 □ 5 M □ □ — M3 □

Base mounted (4 port) SYJ3 2 3 0 □ 5 M □ □ (Manifold use only)

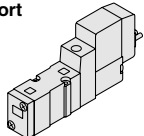
Base mounted (5 port) SYJ3 2 4 0 □ 5 M □ □

4 port



(For manifold type 31, S31, 32, S32)

5 port



(For sub-plate, manifold type 41, S41, 46, S46)

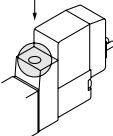
Coil specifications

| | |
|-----|---|
| Nil | Standard |
| T | With power saving circuit (24, 12 VDC only) |

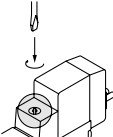
* Power saving circuit is not available in the case of W□ type.

Manual override

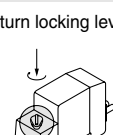
Nil: Non-locking push type



D: Push-turn locking slotted type

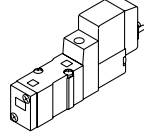


E: Push-turn locking lever type



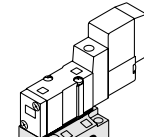
Port size

Nil: Without sub-plate



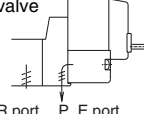
(With gasket and screws)

M5: With M5 port sub-plate



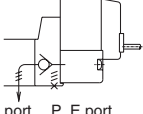
Body option

0: Pilot valve individual exhaust for the pilot valve



R port P, E port

3: Common exhaust type for main and pilot valve



R port P, E port

Electrical entry

| 24, 12, 6, 5, 3 VDC 100, 110, 200, 220 VAC | | | | 24, 12, 6, 5, 3 VDC |
|---|-----------------------------------|-----------------------------------|-----------------------|-----------------------------------|
| Grommet | L plug connector | M plug connector | | M8 connector |
| G: Lead wire length 300 mm | L: With lead wire (Length 300 mm) | M: With lead wire (Length 300 mm) | MN: Without lead wire | WO: Without connector cable |
| H: Lead wire length 600 mm | LN: Without lead wire | LO: Without connector | MO: Without connector | W□: With connector cable (Note 1) |

* LN, MN type: with 2 sockets.
 * For connector cable of M8 connector, refer to back page 10.
 Note 1) Enter the cable length symbols in □. Please be sure to fill in the blank referring to back page 10.

Note) When placing an order for body ported solenoid valve as a single unit, mounting bolt for manifold and gasket are not attached. Order them separately, if necessary. (For details, refer to page 15.)