

# Series SYJ3000

## 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 |

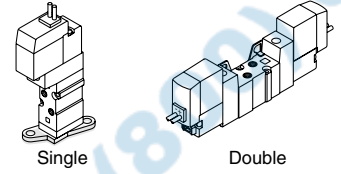
### Light/surge voltage suppressor

|     |  |
|-----|--|
| 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

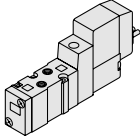
Nil: Without bracket  
 F: With bracket



\* 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

5 port



(Type 20 Manifold)

### 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.

**Body ported**

SYJ3 1 2 0 □ 5 M □ □ M3 □

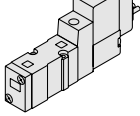
**Base mounted (4 port)**

SYJ3 2 3 0 □ 5 M □ (Manifold use only)

**Base mounted (5 port)**

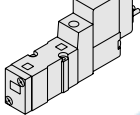
SYJ3 2 4 0 □ 5 M □ □

4 port



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

5 port



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

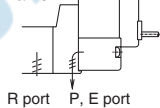
### Coil specifications

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

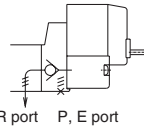
\* Power saving circuit is not available in the case of W□ type.

### Body option

0: Pilot valve individual exhaust for the pilot valve

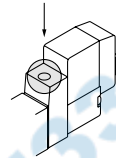


3: Common exhaust type for main and pilot valve

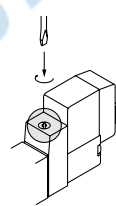


### Manual override

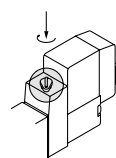
Nil: Non-locking push type



D: Push-turn locking slotted type

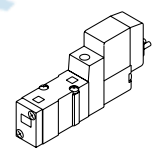


E: Push-turn locking lever type



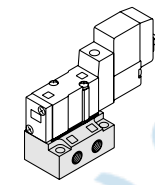
### Port size

Nil: Without sub-plate



(With gasket and screws)

M5: With M5 port sub-plate



### Electrical entry

| 24, 12, 6, 5, 3 VDC<br>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.)