

# 5 Port Solenoid Valve Base Mounted Manifold Stacking Type/DIN Rail Mounted/Plug-in

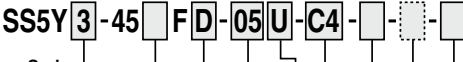
# SY3000/5000 Series



Type **45**

## How to Order Manifold

### Type 45F (D-sub connector, 25 pins)



**Series**

|   |        |
|---|--------|
| 3 | SY3000 |
| 5 | SY5000 |

**Common specifications**

|     |                 |
|-----|-----------------|
| NII | Positive common |
| N   | Negative common |

**Connector mounting position**

| Symbol | Mounting position |
|--------|-------------------|
| U      | U side            |
| D      | D side            |

**Valve stations**

| Symbol | Stations    | Note  |
|--------|-------------|---|
| 02     | 2 stations  | Single wiring spec.<br>(Applicable up to 20 solenoid valves.) |
| :      | :           |   |
| 20     | 20 stations |   |

- \* This also includes the number of blanking plate assemblies.
- \* Two stations are necessary for the double, 3 position (Dual body type).

### SUP/EXH block assembly mounting position

| Symbol | Mounting position      | Stations         |
|--------|------------------------|------------------|
| U      | U side                 | 2 to 10 stations |
| D      | D side                 | 2 to 10 stations |
| B      | (Both sides)           | 2 to 20 stations |
| M      | Special specifications |                  |

- \* For special specifications, indicate separately by the manifold specification sheet.

### A, B port size

| One-touch fitting (Metric size) |                          |                   | One-touch fitting (Inch size) |  |                   |
|---------------------------------|--------------------------|-------------------|-------------------------------|--|-------------------|
| Symbol                          | Port size                | Applicable series | Symbol                        | Port size                                | Applicable series |
| C4                              | One-touch fitting for ø4 | SY3000            | N3                            | One-touch fitting for ø $\frac{3}{32}$ " | SY3000            |
| C6                              | One-touch fitting for ø6 |                   | N7                            | One-touch fitting for ø $\frac{1}{4}$ "  |                   |
| M                               | Mixed                    |                   | M                             | Mixed                                    |                   |
| C4                              | One-touch fitting for ø4 | SY5000            | N3                            | One-touch fitting for ø $\frac{3}{32}$ " | SY5000            |
| C6                              | One-touch fitting for ø6 |                   | N7                            | One-touch fitting for ø $\frac{1}{4}$ "  |                   |
| C8                              | One-touch fitting for ø8 |                   | N9                            | One-touch fitting for ø $\frac{9}{16}$ " |                   |
| M                               | Mixed                    |                   | M                             | Mixed                                    |                   |

- \* In the case of mixed specifications (M), indicate separately on the manifold specification sheet.

### Option

When a longer DIN rail is desired than the specified stations, specify the station number to be required. (20 stations at maximum)

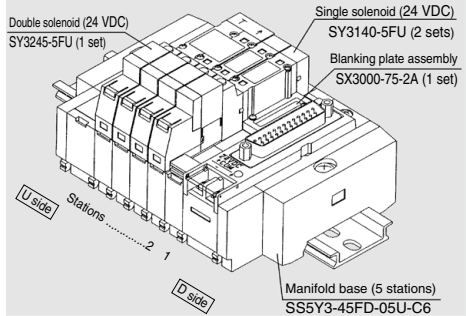
**CE-compliant**

|     |              |
|-----|--------------|
| NII | —            |
| Q   | CE-compliant |

- \* Refer to pages 616 to 620 for external pilot specifications and built-in silencer.

## How to Order Manifold Assembly (Example)

### Example (Type 45F/D-sub connector (25 pin))

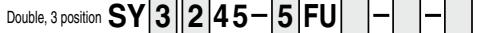
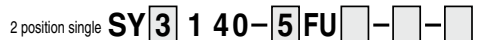


- SS5Y3-45FD-05U-C6 ... 1 set (Type 45F, D-sub connector 5-station manifold base part no.)
- \* SX3000-75-2A ..... 1 set (Blanking plate assembly part no.)
  - \* SY3140-5FU ..... 2 sets (Single solenoid part no.)
  - \* SY3245-5FU ..... 1 set (Double solenoid part no.)

→ The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

- \* The valve arrangement is numbered as the 1st. station from D side regardless of the mounting position of connector box.
- \* When ordering double solenoid valves/3 position (Dual body type), please keep in mind that they require two manifold stations.

## How to Order Valve (Type 45F, 45P□, 45T, 45T1)



**Series**

|   |        |
|---|--------|
| 3 | SY3000 |
| 5 | SY5000 |

**Type of actuation**

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

**Rated voltage**

|   |        |
|---|--------|
| 5 | 24 VDC |
| 6 | 12 VDC |

### Dual body type (Double, 3 position) Manual override

|     |                                |
|-----|--------------------------------|
| NII | Non-locking push type          |
| D   | Push-turn locking slotted type |
| E   | Push-turn locking lever type   |

### Made to Order

|     |  |                |
|-----|--|----------------|
| NII | —  | CE-compliant   |
| X90 | Main valve fluororubber (Refer to page 624.) | Q CE-compliant |

- \* When ordering plug-in type solenoid valve as a single unit, gaskets are not included. Order them separately, if necessary. (Refer to page 592 for details.)
- \* With light/surge voltage suppressor (Non-polar type)