

Type 10
Side Ported

Type 11
Bottom Ported

Plug-in Connector Connecting Base

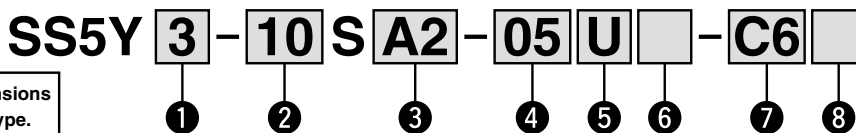
EX500

Series SY3000/5000



RoHS

How to Order Manifold



Refer to page 123 for dimensions of Type 11/Bottom ported type.

1 Series

3	SY3000
5	SY5000

2 Type

10	Side ported
11	Bottom ported*

* The SY5000 manifold base is used for the bottom ported of the SY3000. When ordering, refer to Plug-in Mixed Mounting Type Manifold (from page 127).

5 P, E port entry

U	U side (2 to 10 stations)
D	D side (2 to 10 stations)
B	Both sides (2 to 16 stations)

3 SI unit

0	Without SI unit
A2	DeviceNet™/PROFIBUS DP/ CC-Link/EtherNet/IP™ (Positive common)
A2N	DeviceNet™/PROFIBUS DP/ CC-Link/EtherNet/IP™ (Negative common)

Note) Ensure that the valve's common specifications match.

6 SUP/EXH block assembly

Nil	Internal pilot
S	Internal pilot, Built-in silencer
R	External pilot

* 3/5(E) port is plugged for the built-in silencer type.

* When the built-in silencer type is used, keep the exhaust port from coming in direct contact with water or other liquids.

4 Valve stations

Symbol	Stations	Note
02	2 stations	Double wiring Note 1)
⋮	⋮	
08	8 stations	Specified layout Note 2) (Available up to 16 solenoids)
02	2 stations	
⋮	⋮	
16	16 stations	

Note 1) Double wiring: 2-position single, double, 3-position and 4-position valves can be used on all manifold stations. Use of a 2-position single solenoid will result in an unused control signal. If this is not desired, order with a specified layout.

Note 2) Specified layout: Indicate the wiring specifications on the manifold specification sheet. (Note that 2-position double, 3-position and 4-position valves cannot be used where single wiring has been specified.)

Note 3) This also includes the number of blanking plate assembly.

Note 4) For the product without the SI unit (S0), note the maximum number of solenoids of the SI unit that will be mounted. If the layout is specified, indicate it on the manifold specification sheet.

Refer to the page on the right for 7.

8 Mounting and Option

Symbol	Mounting	Option
Nil	Direct mounting	None
AA		Name plate (With station number)
BA		Name plate (Without station number)
D□	DIN rail mounting	Without name plate
A□		Name plate (With station number)
B□		Name plate (Without station number)

Note 1) Enter the number of stations inside □. (Refer to "DIN Rail Option" below.)

Note 2) Only direct mounting is available for Type 11 (Bottom ported).

DIN Rail Option

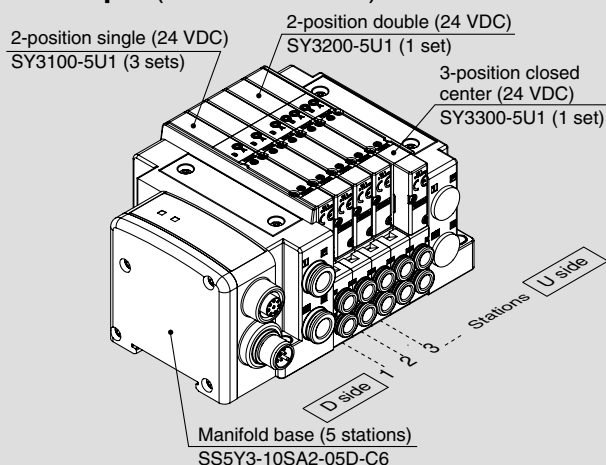
Nil	Direct mounting
0	Without DIN rail (with bracket)
3	For 3 stations
⋮	⋮
16	For 16 stations

Specify a longer rail than the total length of specified stations.

* If the DIN rail must be mounted without an SI unit, select D0. Then, refer to L3 of the dimensions for the DIN rail length and order separately. (Refer to page 140 for the DIN rail part number.)

How to Order Manifold Assembly

Example (SS5Y3-10SA2-□)



SS5Y3-10SA2-05D-C6 ... 1 set (Type 10 5-station manifold base part no.)
 *SY3100-5U1 3 sets (2-position single part no.)
 *SY3200-5U1 1 set (2-position double part no.)
 *SY3300-5U1 1 set (3-position closed center part no.)

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

- The valve arrangement is numbered as the 1st station from the D side.
- Under the manifold part number, state the valves to be mounted in order from the 1st station as shown in the figure above. If the arrangement becomes complicated, specify on a manifold specification sheet.

Note) When mixing top ported configurations, select from page 88. In this case, use caution as there is also output on the A and B port on base side. Specify on a manifold specification sheet if plugs are required on the A and B port on base side.

Refer to Reduced Wiring Fieldbus System (Serial Transmission) in Electric Products (CAT.E150) for details on the EX500 Gateway-type Serial Transmission System.