

Type 10
Side Ported

Type 11
Bottom Ported

Plug-in Connector Connecting Base

EX500 Gateway Decentralized System 2 (128 Points)

SY3000/5000/7000 Series



How to Order Manifold

Refer to pages 331 (SY5000) and 332 (SY7000) for dimensions of Type 11/Bottom ported type.

SS5Y **3** - **10** S **A3N** - **05** **U** **□** - **C6** **□**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series

3	SY3000
5	SY5000
7	SY7000

※: For mixed mounting, refer to page 336 and later.

② Type

10	Side ported
11	Bottom ported*1

*1: 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 336).

*2: When mixing top ported configurations, select from page 281.
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.

③ SI Unit (Number of outputs, Output polarity, Max. number of valve stations)

0	Without SI Unit
A3N	32 outputs*1*4, 1 to 16 stations (24 stations*3), Negative common*2

- *1: 16 outputs can be set by switching the built-in setting switch.
- *2: Ensure a match with the common specification of the valve.
- *3: (): Maximum number of stations for mixed single and double wiring.
- *4: When using the SI Unit with 32 outputs, use the GW Unit compatible with the EX500 Gateway Decentralized System 2 (128 points).

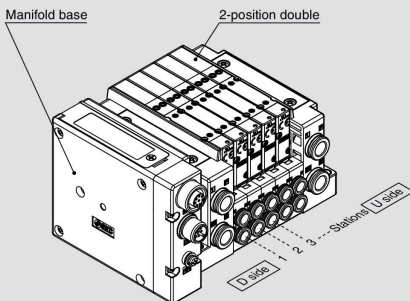
④ Valve stations

Stations	Note
02 2 stations	Double wiring*1
16 16 stations	
02 2 stations	Mixed wiring, Specified layout*2 (Available up to 32 solenoids)
24 24 stations	

- *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.
- *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.)
- *3: When the product without the SI Unit (S0) is selected, 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.
- *4: This also includes the number of blanking plate assembly.

How to Order Manifold Assembly

Example



SS5Y3-10SA3N-05D-C6-1 set (Manifold base part number)
 * SY3200-5U1 5 sets (2-position double part number)
 ↳ The asterisk denotes the symbol for assembly.
 Prefix it to the part numbers of the valve etc.

- The valve arrangement is numbered as the 1st station from the D side.
- Under the manifold base 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 the manifold specification sheet.

⑤ P, E port entry

U	U side (2 to 10 stations)
D	D side (2 to 10 stations)
B	Both sides (2 to 24 stations)

⑥ SUP/EXH block assembly

Nil	Internal pilot
S	Internal pilot, Built-in silencer*1*2
R	External pilot

- *1: 3/5(E) port is plugged for the built-in silencer type.
- *2: When built-in silencer type is used, keep the exhaust port from coming in direct contact with water or other liquids.

※: A separate GW Unit and communication cable are required.

For details about the EX500 Gateway-type Serial Transmission System, refer to pages 845 to 876 and the Operation Manual. For details about part numbers of SI Units to be mounted, refer to page 358. Please download the Operation Manual via SMC website, <http://www.smworld.com>