

Type 10
Side Ported

Type 11
Bottom Ported

Plug-in Connector Connecting Base

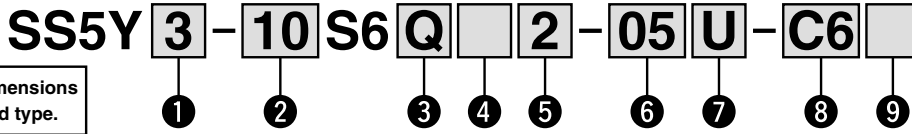
EX600

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).

3 SI unit

0	Without SI unit
Q	DeviceNet™
N	PROFIBUS DP
V	CC-Link
ZE	EtherNet/IP™
D	EtherCAT

Note 1) I/O unit cannot be mounted without SI unit.

Note 2) Valve plate which connects manifold and SI unit is not mounted to a valve without SI unit. Refer to the EX600 catalog (CAT.E02-24) for mounting.

4 SI unit output polarity, end plate type

SI unit output polarity	Power supply with M12 connector	Power supply with 7/8 inch connector
Without SI unit	Nil	
SI unit positive common	2	3
SI unit negative common	4	5

Note 1) Ensure a match with the common specifications of the value to be used.

Note 2) Without SI unit, the symbol is nil.

5 I/O unit stations

Nil	None
1	1 station
:	:
9	9 stations

Note 1) Without SI unit, the symbol is nil.

Note 2) SI unit is not included in I/O unit stations.

Note 3) When I/O unit is selected, it is shipped separately, and assembled by customer. Refer to the attached operation manual for mounting.

6 Valve stations

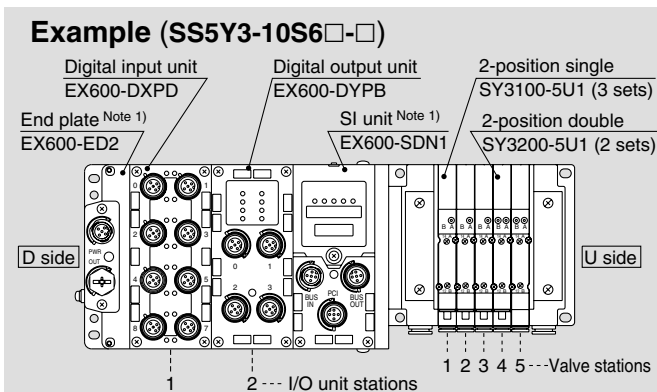
Symbol	Stations	Note
02	2 stations	Double wiring Note 1)
:	:	
16	16 stations	
02	2 stations	Specified layout Note 2) (Available up to 32 solenoids)
:	:	
24	24 stations	

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.

How to Order Manifold Assembly



SS5Y3-10S6Q42-05B-C6... 1 set (Type 10 5-station manifold base part no.)
 *SY3100-5U1 3 sets (2-position single part no.)
 *SY3200-5U1 2 sets (2-position double part no.)
 *EX600-DXPD 1 set I/O unit part number (Station 1)
 *EX600-DYPB 1 set I/O unit part number (Station 2)

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, then the I/O units in order from the 1st station as shown in the figure above. If the arrangement becomes complicated, specify on a manifold specification sheet.

Note 1) Do not enter the SI unit part number and the end plate part number together.
 Note 2) When mixing top ported configurations, select from page 96.

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.

7 P, E port entry, SUP/EXH block assembly

	Internal pilot	Internal pilot, Built-in silencer	External pilot
P, E port entry U side (2 to 10 stations)	U	C	G
P, E port entry D side (2 to 10 stations)	D	E	H
P, E port entry both sides (2 to 24 stations)	B	F	J

* 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.

Refer to the page on the right for 8.

9 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

Symbol	Mounting	Option
Nil	Direct mounting	
0	Without DIN rail (with bracket)	
3	For 3 stations	Specify a longer rail than the total length of specified stations.
:	:	
24	For 24 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.)

Refer to Series EX600 Fieldbus System (For Input/Output) (CAT.E02-24) for details on the EX600 Integrated-type (For I/O) Serial Transmission System. (IP40 specifications apply depending on the selected I/O unit.)