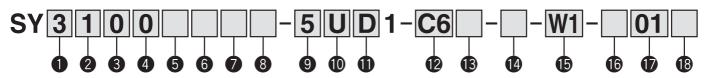
Manifold Options

How to Order

In the case of (Valve) + (Sub-plate) (Built-in valve type part no.)



Series

OC.	103
3	SY3000
5	SY5000
7	SY7000

2 Type of actuation

1	2-position	Single
2		Double
3		Closed centre
4	3-position	Exhaust centre
5		Pressure centre
\mathbf{A}^*	4 position	N.C./N.C.
B*	4-position dual 3-port	N.O./N.O.
C*	dual o port	N.C./N.O.

* Only rubber seal type is available for the 4-position dual 3-port valve.

3 Valve piping type

<u> </u>			
0	Base mounted (Port location: Side, Bottom)		
3	Top ported (4A, 2B port location: Top)		

4 Seal type

	7.1
0	Rubber seal
1	Metal seal

6 Pilot type

	71
_	Internal pilot
R	External pilot

6 Back pressure check valve (Built-in valve type)

_	None	
Н	Built-in	
п	Dulit-III	

- * Only rubber seal type
- * The built-in valve type back pressure check valve is not available for the 3-position type and the SY7000.

Pilot valve option

		Standard (0.7 MPa)
		Quick response type (0.7 MPa)
	K*	High pressure type (1.0 MPa)

* Only metal seal type is available for the high pressure type.

8 Coil type

		Standard
	Т	With power saving circuit (Continuous duty type)

- * Be sure to select the power saving circuit type when the valve is continuously energized for long periods of time.
- * Be careful of the energizing time when the power saving circuit is selected. Refer to page 244 for details.

9 Rated voltage

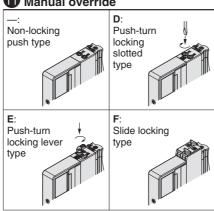
5	24 VDC
6	12 VDC

Light/surge voltage suppressor and common specification

Symbol	With light	Surge voltage suppressor	Specification	
_	_	_	Non-polar	
R	_			
U	•			
S	_		Positive	
Z	•		common	
NS	_		Negative	
NZ	•		common	

* Only "Z" and "NZ" types are available for with the power saving circuit.

Manual override



* Refer to page 14 for with the safety slide locking manual override.

(*Top ported valve only)

Thread piping

	Symbol	Port size	Applicable series
	M5	M5 x 0.8	SY3000
	01	1/8	SY5000
	02	1/4	SY7000

Metric size (One-touch fitting)

wethe size (One-touch fitting)				
Symbol	A, B port	SY3000	SY5000	SY7000
C2	ø2		_	_
C3	ø3.2		_	_
C4	ø4	•	•	_
C6	ø6	•	•	•
C8	ø8	_		
C10	ø10	_	_	•
C12	ø12	_	_	•

Inch size (One-touch fitting)

			''		
	Symbol	A, B port	SY3000	SY5000	SY7000
	N1	ø1/8"	•	_	_
	N3	ø5/32"		•	_
	N7	ø1/4"	•	•	•
	N9	ø5/16"	_	•	•
	N11	ø3/8"	_	_	•

(Top ported valve only)

	Rc	
F	G	
N	NPT	
Т	NPTF	

* Only - is available for M5.

Type of mounting screw

_	Round head combination screw	
В	Hexagon socket head cap screw	
	Round head combination screw (Falling-out-prevention type)	
Н	Hexagon socket head cap screw (Falling-out-prevention type)	

- * For "K" and "H", the valve body cover has a drop prevention construction to stop the mounting screws from falling out when the valve is removed for maintenance etc.
- * When ordering a valve individually, the base gasket is not included. Since the base gasket is attached to the manifold, please order the base gasket separately if it is needed for maintenance service.
- Refer to page 19 for part numbers of the base gasket and mounting screw.
- When using an optional spacer assembly, "B" and "H" cannot be selected.

Wiring specifications

WO	Without M12 connector cable
W1	With M12 connector cable (300 mm)
W2	With M12 connector cable (500 mm)
W3	With M12 connector cable (1000 mm)
W4	With M12 connector cable (2000 mm)
W7	With M12 connector cable (5000 mm)

Port location (Sub-plate)

	(
_	Side ported		
В	Bottom ported		
V *	Top ported (1P, 5EA, 3EB port: Side ported)		

* Only available for the valve piping type "3" top ported.

Port size (Sub-plate)

T OIT OILO (Oub plate)		atoj
Symbol	Port size	Applicable series
01	1/8	SY3000
02	1/4	SY5000
03	3/8	SY7000

Sub-plate thread type

Sub-plate tillead type		
_	Rc	
F	G	
N	NPT	
Т	NPTF	

Note) When mounting a special order (including Made-to-Order specification) valve on the sub-plate, add the valve part number under the sub-plate part number to place an order. For details, refer to the ordering example on page 19.