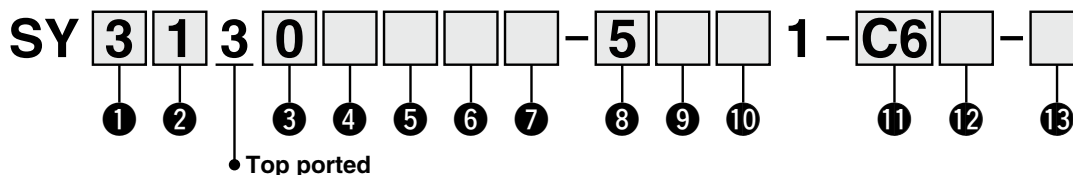


## How to Order Valves (With mounting screw)

Refer to page 15 for valve specifications.



### 1 Series

3	SY3000
5	SY5000
7	SY7000

### 2 Type of actuation

1	2-position	Single
2		Double
3	3-position	Closed center
4		Exhaust center
5		Pressure center
A*1	4-position	N.C./N.C.
B*1	dual 3-port	N.O./N.O.
C*1		N.C./N.O.

\*1 Only the rubber seal is available for the 4-position dual 3-port valve.

### 3 Seal type

0	Rubber seal
1	Metal seal

### 4 Pilot type

Nil	Internal pilot
R	External pilot

### 5 Back pressure check valve (Built-in valve type)

Nil	None
H	Built-in

\* Only the rubber seal type is available. A manifold installed type is available if a back pressure check valve with a metal seal is required. Refer to page 212 for ordering examples. However, it is not recommended to use the built-in valve type and the manifold installed type at the same time because it will reduce the flow.

\* The built-in valve type back pressure check valve is not available for the 3-position type or the SY7000.

### 6 Pilot valve option

Nil	Standard (0.7 MPa)
B	Quick response type (0.7 MPa)
K*1	High pressure type (1.0 MPa)

\*1 Only the metal seal type is available for the high pressure type.

### 7 Coil type

Nil	Standard
T	With power saving circuit (Continuous duty type)

\* Be sure to select the power saving circuit type if the valve is to be continuously energized for long periods of time.

\* Be careful of the energizing time when the power saving circuit is selected. Refer to page 292 for details.

### 8 Rated voltage

5	24 VDC
6	12 VDC

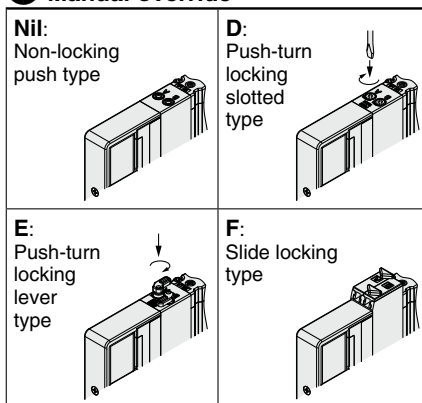
### 9 Light/surge voltage suppressor and common specification

Symbol	With light	Surge voltage suppressor	Common specification
Nil	—	—	Non-polar
R	—	—	
U	●	—	
S	—	●	Positive common
Z	●	—	Negative common
NS	—	—	
NZ	●	—	

\* For the non-polar type, be careful of surge voltage intrusion. Refer to page 293 for details.

\* Only "Z" and "NZ" types are available with a power saving circuit.

### 10 Manual override



\* Refer to page 34 for the safety slide locking manual override.

### 11 A, B port size

#### Thread piping

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

#### One-touch fitting (Metric)

Symbol	A, B port	SY3000	SY5000	SY7000
C2	ø2	●	—	—
C3	ø3.2	●	—	—
C4	ø4	●	●	—
C6	ø6	●	●	●
C8	ø8	—	●	●
C10	ø10	—	—	●
C12	ø12	—	—	●

#### One-touch fitting (Inch)

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

### 12 Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

\* Only Nil is available for M5.

### 13 Type of mounting screw

Nil	Round head combination screw
B	Hexagon socket head cap screw
K	Round head combination screw (Falling-out-prevention type)
H	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. Refer to page 198 for base gasket and mounting screw part numbers.

\* "B" and "H" cannot be selected for the individual SUP/EXH spacer assembly or interface regulator.