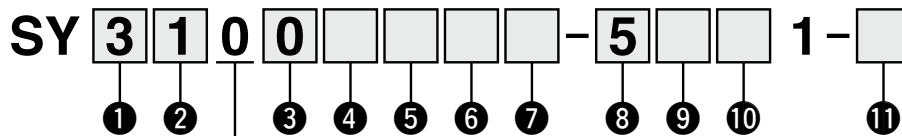


SY3000/5000/7000 Series

How to Order Valves (With mounting screw)

Refer to page 17 for valve specifications.



Base mounted

1 Series

3	SY3000
5	SY5000
7	SY7000

2 Type of actuation

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

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

3 Seal type

0	Rubber seal
1	Metal seal

4 Pilot type

—	Internal pilot
R	External pilot

* When selecting the external pilot specification for the 4-position dual 3-port valve, pay attention to the pilot pressure.

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

—	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 236 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

—	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

—	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 energised for long periods of time.
* Be careful of the energising time when the power saving circuit is selected. Refer to page 316 for details.

8 Rated voltage

5	24 VDC
6	12 VDC

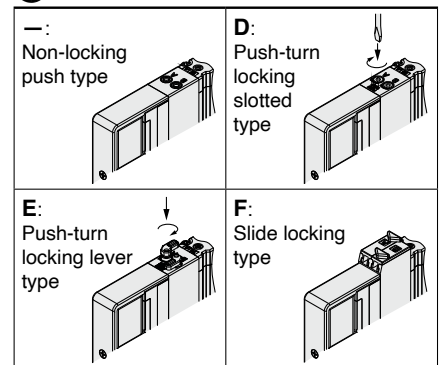
9 Light/surge voltage suppressor and common specification

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

* For the non-polar type, be careful of surge voltage intrusion. Refer to page 317 for details.

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

10 Manual override



* Refer to page 36 for the safety slide locking manual override.

11 Type of mounting screw

—	Round head combination screw
B	Hexagon socket head cap screw
K	Round head combination screw (Drop prevention type)
H	Hexagon socket head cap screw (Drop 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 222 for base gasket and mounting screw part numbers.

* "B" and "H" cannot be selected for the individual SUP/EXH spacer assembly, interface regulator, or double check spacer assembly with residual pressure release valve.