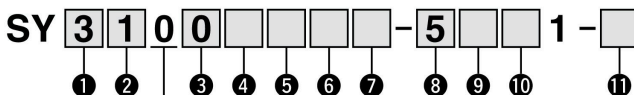


SY3000/5000/7000 Series

How to Order Valves (With mounting screw)

Refer to page 136 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 center
4		Exhaust center
5		Pressure center
A ^{*1}	4-position dual 3-port	N.C./N.C.
B ^{*1}		N.O./N.O.
C ^{*1}		N.C./N.O.

*1: Only 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

Nil	Internal pilot
R	External pilot

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

Nil	None
H	Built-in

*: Only rubber seal type

*: Back pressure check valve is not available for the 3-position type and 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 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 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 391 for details.

8 Rated voltage

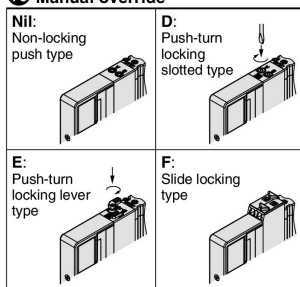
5	24 VDC
6	12 VDC

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	●	—	

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

10 Manual override



*: Refer to page 154 for with the safety slide locking manual override.

11 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 service.

Refer to page 212 for part numbers of the base gasket and mounting screw.

*: "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.