

# SY3000/5000/7000/9000 Base Mounted Type Single Valve



## How to Order

SY 5 2 40 5 L

### Series

3	SY3000
5	SY5000
7	SY7000
9	SY9000

### Type of actuation

1	2 position single 
2	2 position double 
3	3 position closed center 
4	3 position exhaust center 
5	3 position pressure center 

### Pilot type

Nil	Internal pilot
R	External pilot

### Rated voltage

#### DC specifications

5	24VDC
6	12VDC
V	6VDC
S	5VDC
R	3VDC

#### AC specifications (50/60Hz)

1	100VAC
2	200VAC
3	110VAC [115VAC]
4	220VAC [230VAC]

Note 1) DC specifications for "D" and "DO" are only available in 24VDC and 12VDC.  
Note 2) "D" and "DO" are not available for SY3000.

### Port size

Symbol	Port size	Applicable series
Nil	Without sub-plate	
01	Rc 1/8 With sub-plate	SY3000
02	Rc 1/4 With sub-plate	SY5000 SY7000
03	Rc 3/8 With sub-plate	SY7000 SY9000
04	Rc 1/2 With sub-plate	SY9000

### Manual override

Nil: Non-locking push type



D: Push-turn locking slotted type



E: Push-turn locking lever type



### Indicator light/Surge voltage suppressor

#### For electrical entry G, H, L, M

Nil	Without indicator light/surge voltage suppressor
S	With surge voltage suppressor
Z	With indicator light/surge voltage suppressor
R	With surge voltage suppressor (non-polar type)
U	With indicator light/surge voltage suppressor (non-polar type)



Note 1) For AC, there is no "S" specification, since it is integrated with the rectifier.

Note 2) "R" and "U" are available for DC only.

#### For electrical entry D

Nil	Without indicator light/surge voltage suppressor
S	With surge voltage suppressor (non-polar type)
Z	With indicator light/surge voltage suppressor (non-polar type)



Note 1) "DOZ" is not available.

Note 2) For AC, there is no "S" specification, since it is integrated with the rectifier.

### Electrical entry

24V, 12V, 6V, 5V, 3VDC/100V, 110V, 200V, 220VAC				24V, 12VDC 100V, 110V, 200V, 220VAC
Grommet	L type plug connector	M type plug connector		DIN terminal
G: Lead wire length 300mm 	L: With lead wire (length 300mm) 	M: With lead wire (length 300mm) 	MN: Without lead wire 	(Except SY3000) D: With connector 
H: Lead wire length 600mm 	LN: Without lead wire 	LO: Without connector 	MO: Without connector 	DO: Without connector 



Note 1) "LN" and "MN" include 2 sockets

Note 2) "D" and "DO" are not available for SY3000.

Note 3) DIN43650C standard DIN terminal "Y" is also available. Refer to page 189 for details.