

SY3000/5000/7000/9000 Body Ported Type Single Valve



How to Order

SY 5 1 20 — 5 L — 01 —

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

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.



Note) When single body ported solenoid valves are ordered, manifold mounting bolts and gaskets are not included. Order them separately, if necessary. (Refer to page 56 for details.)

A/B port size

Symbol	Port size	Applicable series
M5	M5 x 0.8	SY3000
C4	ø4 One-touch fitting	
C6	ø6 One-touch fitting	
01	Rc 1/8	SY5000
C4	ø4 One-touch fitting	
C6	ø6 One-touch fitting	
C8	ø8 One-touch fitting	SY7000
02	Rc 1/4	
C8	ø8 One-touch fitting	
C10	ø10 One-touch fitting	SY9000
02	Rc 1/4	
03	Rc 3/8	
C8	ø8 One-touch fitting	SY9000
C10	ø10 One-touch fitting	
C12	ø12 One-touch fitting	

Manual override

Nil: Non-locking push type 	D: Push-turn locking slotted type 	E: Push-turn locking lever
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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.