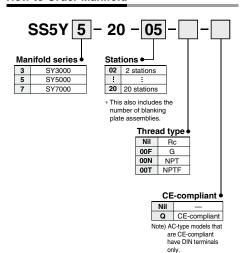


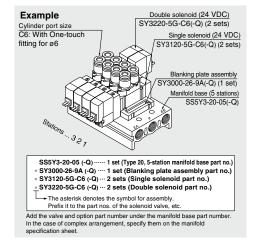
5 Port Solenoid Valve Body Ported Manifold Bar Stock Type/Individual Wiring

Series SY3000/5000/7000

How to Order Manifold



How to Order Manifold Assembly (Example)



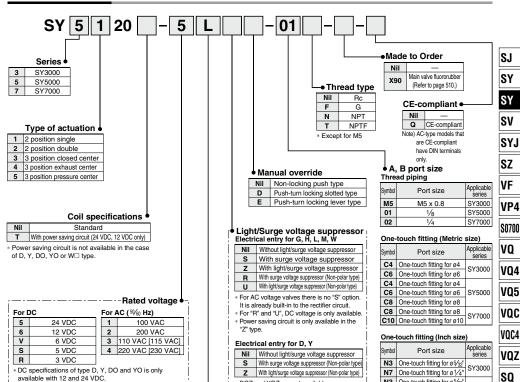
Body Ported Series SY3000/5000/7000 11/12 20



How to Order Valve

Note) AC-type models that are CE-compliant have DIN terminals only.





Electrical entry

* DOZ and YOZ are not available.

For AC voltage valves there is no "S" option.
 It is already built-in to the rectifier circuit.

				=100011001101111			
		24, 12, 6, 5, 3 VDC/ 100, 110, 200, 220 VAC			24, 12 VDC/ 100, 110, 200, 220 VAC	24, 12, 6, 5, 3 VDC	
		Grommet	L plug connector	M plug connector	DIN terminal	M8 connector	
		G: Lead wire length 300 mm H: Lead wire length 600 mm	L: With lead wire (Length 300 mm) LN: Without lead wire LO: Without connector	M: With lead wire (Length 300 mm) MN: Without lead wire MO: Without connector	(SY5000/7000 only) D: With connector DO: Without connector Y: With connector YO: Without connector	WO: Without connector cable W□: With connector cable Note)	
CE-	DC	•	•	•	•	•	
compliant	AC	_	_	_	•	_	

* LN. MN type: with 2 sockets.

∗ For type W□, DC voltage is only available.

terminals only.

Note) AC-type models that are CE-compliant have DIN

- "Y" type is a DIN terminal conforming to EN-175301-803C (former DIN43650C). For details, refer to page 519.
- For connector cable of M8 connector, refer to page 522.
- * M8 thread conforming to IEC60947-5-2 standard is also available. Refer to page 509 for
- * Refer to page 519 for the lead wire length of L and M plug connectors

Refer to page 520 for the connector assembly with cover for L and M plug connectors. Note) Enter the cable length symbols in \Box . Please be sure to fill in the blank referring to page 523.

Note) When placing an order for body ported solenoid

valve as a single unit, mounting screw for manifold and gasket are not attached. Order them separately, if necessary.

N3 One-touch fitting for ø5/32"

N9 One-touch fitting for ø5/16"

N9 One-touch fitting for ø5/16"

N11 One-touch fitting for ø3/8"

N7 One-touch fitting for ø 1/4" SY5000

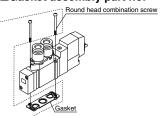
VFS

VFR

V07

SY7000

■Gasket assembly part no.



Series	Gasket assembly part no.				
SY3000	SY3000-GS-1				
SY5000	SY5000-GS-1				
SY7000	SY7000-GS-1				

Note) The gasket assembly includes 10 sets of mounting screws and a gasket.



Type 20 Series SY3000/5000/7000



Manifold Specifications

Model		SS5Y3-20(-Q)	SS5Y5-20(-Q)	SS5Y7-20(-Q)		
Applicable valve		SY3□20	SY3□20 SY5□20			
Manifold ty	/ре	Single base/B mount				
P (SUP)/R (EXH)		Common SUP, Common EXH				
Valve stations		2 to 20 stations Note1)				
A, B port location		Valve				
	P, EA, EB port	1/8	1/4	1/4		
Port size	A, B port	M5 x 0.8 C4(One-touch fitting for ø4) C6 (One-touch fitting for ø6)	1/8 C4 (One-touch fitting for ø4) C6 (One-touch fitting for ø6) C8 (One-touch fitting for ø8)	1/4 C8 (One-touch fitting for Ø8) C10 (One-touch fitting for Ø10)		
Manifold base weight W (g) n: Stations		W = 13n + 24	W = 36n + 64	W = 43n + 35		

Note 1) For more than 10 stations (more than 5 stations in case of SS5Y7), supply pressure to P port on both sides and exhaust from EA/EB port on both sides.

Flow Characteristics

	Port size		Flow characteristics					
Model	1, 5, 3	4, 2	1 → 4/2 (P → A/B)			4/2 → 5/3 (A/B → EA/EB)		
	(P, EA, EB)	(A, B)	C (dm3/(s-bar))	b	Cv	C (dm3/(s-bar))	b	Cv
SS5Y3-20(-Q)	1/8	C6	0.72	0.29	0.18	0.80	0.36	0.21
SS5Y5-20(-Q)	1/4	C8	1.9	0.28	0.48	2.2	0.20	0.53
SS5Y7-20(-Q)	1/4	C10	3.6	0.31	0.93	3.6	0.27	0.88

Note) The value is for manifold base with 5 stations and individually operated 2 position type.

Note 2) Refer to "Manifold Option" on page 353.

Series SY3000/5000/7000

