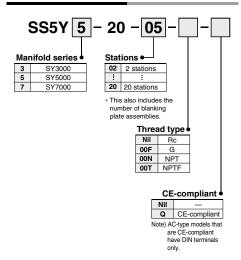
# туре 20

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

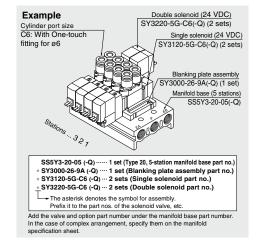


## Series SY3000/5000/7000

#### **How to Order Manifold**



#### How to Order Manifold Assembly (Example)

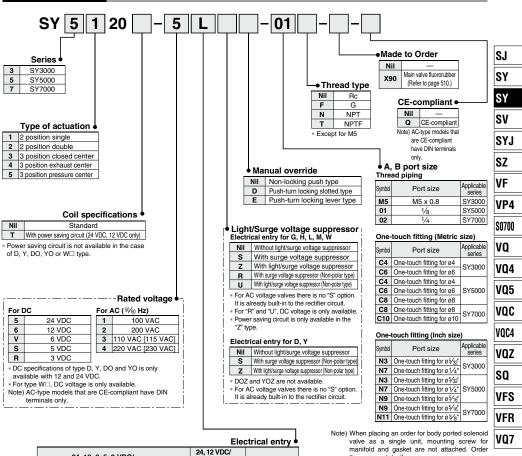


### Body Ported Series SY3000/5000/7000 1792 20

**How to Order Valve** 

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





			Electrical entry ●			
		, 12, 6, 5, 3 VDC/ 0, 110, 200, 220 V	24, 12 VDC/ 100, 110, 200, 220 VAC 24, 12, 6, 5, 3 VD			
	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)	
DC	•	•	•	•	•	
AC	_	_	_	•	_	

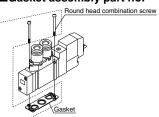
\* LN, MN type: with 2 sockets.

CE-

- \* "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 . Please be sure to fill in the blank referring to page 523

them separately, if necessary.

#### ■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**

					SS5Y7-20(-Q)		
	Model		SS5Y3-20(-Q)	SS5Y3-20(-Q) SS5Y5-20(-Q)			
	Applicable valve		SY3□20 SY5□20		SY7□20		
	Manifold type		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)			
	Manifold bas n: Stations	e weight W (g)	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.

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

#### **Flow Characteristics**

	Port size		Flow characteristics					
Model	1, 5, 3	4, 2	1 → 4/2 (P → A/B)		4/2 →	$4/2 \rightarrow 5/3 \text{ (A/B} \rightarrow \text{EA/EB)}$		
	(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.

### Body Ported Series SY3000/5000/7000 Type 20

