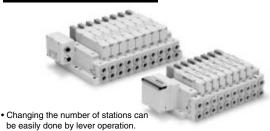


Series SV

Cassette base manifold



Manifold Specifications

App	olicable series	SV1000	SV2000			
Manifold type		Stacking type cassette base manifold				
1 (P: SUP)/3,	5 (E: EXH) type	Common SUP, EXH				
Valve stations	(maximum)	18 stations	20 stations			
Max. number	of solenoids	18 points	26 points			
	1(P), 3/5(E) port	C8, N9	C10, N11			
Port size	4(A) 2(P) port	C3, C4, C6	C4, C6, C8			
	4(A), 2(B) port	N1, N3, N7	N3, N7, N9			

Flow Characteristics

	Port	size	Flow characteristics						
Model	1, 5, 3	4, 2		$1 \rightarrow 4/2 \ (P \rightarrow A/B)$		4/2 → 3/5 (A/B → E)			
	(P, EA, EB)	(A, B)	C [dm ³ /(s·bar)]	b	Cv	C [dm ³ /(s·bar)]	b	Cv	
SS5V1-16	C8	C6	0.89	0.22	0.22	0.98	0.21	0.23	
SS5V2-16	C10	C8	2.3	0.28	0.50	2.7	0.18	0.56	



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

Tie-rod base manifold



• 34 pins connector allows up to 16 stations with double solenoids.

Manifold Specifications

App	olicable series	SV1000	SV2000	SV3000	SV4000				
Manifold type		Tie-rod base manifold							
1 (P: SUP)/3, 5 (I	E: EXH) type		Common SUP, EXH						
Valve stations (m	naximum)	20 stations							
Max. number of s	solenoids	32 points							
Port size	1(P), 3/5(E) port	C8, N9	C10, N11	C12, N11	C12, N11, 03				
	4(A), 2(B) port	C3, C4, C6	C4, C6, C8	C6, C8, C10	C8, C10, C12				
	4(A), 2(B) poit	N1, N3, N7	N3, N7, N9	N7, N9, N11	N9, N11, 02, 03				

Flow Characteristics

	Port	size	Flow characteristics							
Model	1, 5, 3	4, 2		$1 \rightarrow 4/2(P \rightarrow A/B)$		$4/2 \rightarrow 3/5(A/B \rightarrow E)$				
	(P, EA, EB)	(A, B)	C [dm ³ /(s·bar)]	b	Cv	C [dm ³ /(s·bar)]	b	Cv		
SS5V1-10	C8	C6	0.98	0.26	0.24	1.1	0.35	0.28		
SS5V2-10	C10	C8	2.1	0.20	0.46	2.4	0.18	0.48		
SS5V3-10	C12	C10	4.2	0.22	0.91	4.3	0.21	0.93		
SS5V4-10	C12	C12	6.2	0.19	1.3	7.0	0.18	1.6		

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

Enclosure of Manifold Variations (Common for cassette base and tie-rod base)

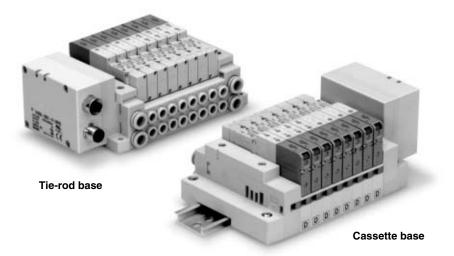
(Seminor for Cassotte Bass and its	
Series	Enclosure (Based on IEC529)
Series EX500 Decentralized serial wiring	IP67 *
Series EX250 Serial wiring with input/output onit	IP67
Series EX120 Dedicated output serial wiring	Dusttight (IP40)
For circular connector	IP67
D-sub connector	Dusttight (IP40)
Flat ribbon cable	Dusttight (IP40)

^{*} Enclosure of a gateway unit and input manifold is IP65.

Decentralized Serial Wiring

Series EX500

IP67 compliant



A malicale la carica	Cassette base manifold SV1000/SV2000				
Applicable series	Tie-rod base manifold SV1000/SV2000/SV3000/SV4000				
	 Number of output points: 16 points EX500 gateway unit communication specifications Remote I/O, DeviceNet, PROFIBUS-DP 				

sv

SZ

SY

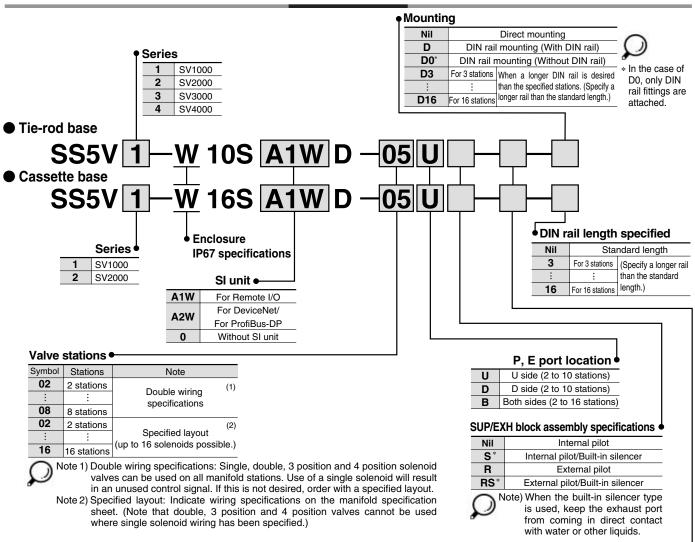
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SX

Series EX500 Decentralized Serial Wiring

Series SV

How to Order



A, B port size (metric)

Symbol	A, B port	P, E port	Applicable series		
C3	One-touch fitting for ø3.2				
C4	One-touch fitting for ø4		SV1000		
C6	One-touch fitting for ø6	illurig for Ø8			
C4	One-touch fitting for ø4				
C6	One-touch fitting for ø6		SV2000		
C8	One-touch fitting for ø8	Illurig for \$10			
C6	One-touch fitting for ø6				
C8	One-touch fitting for ø8		SV3000		
C10	One-touch fitting for ø10	IIIIIII 9 12			
C8	One-touch fitting for ø8				
C10	One-touch fitting for ø10				
C12	One-touch fitting for ø12	IIIIIII 9 12			
02	Rc 1/4	D- 0/0	SV4000		
03	Rc3/8	HC 3/8			
02F	G 1/4	C 2/0			
03F	G 3/8	G 3/8			
M	A, B ports mixed	•			
	C3 C4 C6 C4 C6 C8 C6 C8 C10 C8 C10 C12 02 03 02F 03F	C3 One-touch fitting for ø3.2 C4 One-touch fitting for ø4 C6 One-touch fitting for ø6 C4 One-touch fitting for ø6 C8 One-touch fitting for ø6 C8 One-touch fitting for ø8 C6 One-touch fitting for ø8 C6 One-touch fitting for ø6 C8 One-touch fitting for ø6 C8 One-touch fitting for ø8 C10 One-touch fitting for ø10 C8 One-touch fitting for ø8 C10 One-touch fitting for ø10 C12 One-touch fitting for ø10 C12 One-touch fitting for ø12 O2 Rc 1/4 O3 Rc3/8 O2F G 1/4 O3F G 3/8	C3 One-touch fitting for Ø3.2 C4 One-touch fitting for Ø4 C6 One-touch fitting for Ø6 C4 One-touch fitting for Ø6 C6 One-touch fitting for Ø6 C8 One-touch fitting for Ø8 C6 One-touch fitting for Ø8 C6 One-touch fitting for Ø6 C8 One-touch fitting for Ø6 C8 One-touch fitting for Ø6 C8 One-touch fitting for Ø8 C10 One-touch fitting for Ø10 C8 One-touch fitting for Ø10 C8 One-touch fitting for Ø10 C10 One-touch fitting for Ø10 C110 One-touch fitting for Ø10 C12 One-touch fitting for Ø10 C13 Rc 1/4 C34 Rc 3/8 C3/8 C3/8 C3/8 C3/8 C3/8 C3/8 C3/8		

A, B port size (inch)

	. ,				
Symbol	A, B port	P, E port	Applicable series		
N1	One-touch fitting for ø1/8"	One-touch			
N3	One-touch fitting for ø5/32"	fitting for	SV1000		
N7	One-touch fitting for ø1/4"	ø5/16"			
N3	One-touch fitting for ø5/32"	One-touch			
N7	One-touch fitting for ø1/4"	fitting for	SV2000		
N9	One-touch fitting for ø5/16"	ø3/8"			
N7	One-touch fitting for ø1/4"	One-touch			
N9	One-touch fitting for ø5/16"	fitting for	SV3000		
N11	One-touch fitting for ø3/8"	ø3/8"			
N9	One-touch fitting for ø5/16"	One-touch			
N11	One-touch fitting for ø3/8"	fitting for ø3/8"			
02N	NPT 1/4	NPT 3/8	SV4000		
03N	NPT 3/8	INF 1 3/8			
02T	NPTF 1/4	NIDTE 0/0			
03T	NPTF 3/8	NPTF 3/8			
М	A, B ports mixed				

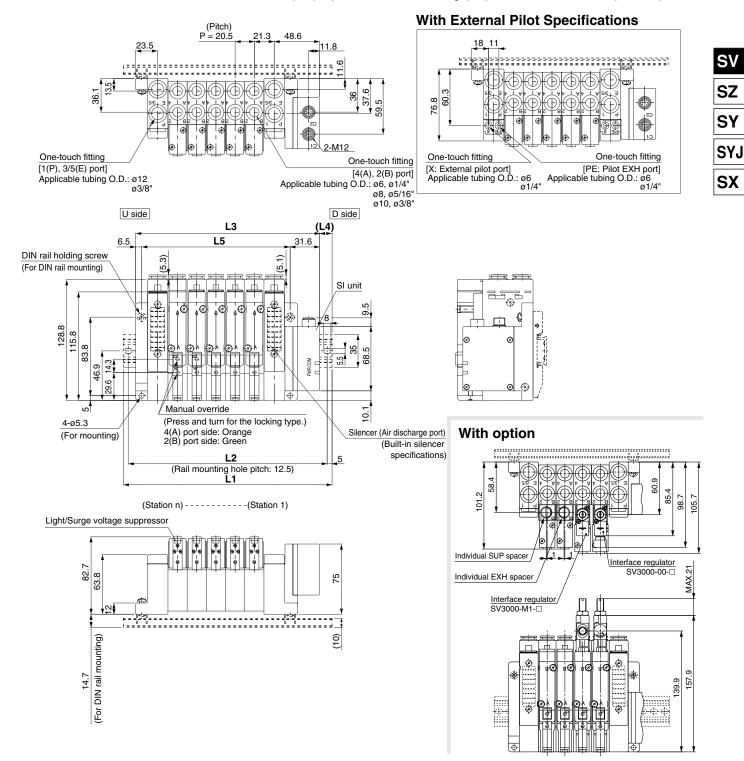
- In the case of mixed specifications (M), indicate separately on the manifold specification sheet.
- * Port sizes of X, PE port for external pilot specifications (R, RS) are ø4 (metric), ø5/32" (inch) for SV1000/2000 and ø6 (metric) and ø1/4" (inch) for SV3000/4000.



Dimensions: Series SV3000 for EX500 Decentralized Serial Wiring

● Tie-rod base manifold: SS5V3-W10SA□WD-Stations of (S, R, RS

- When P, E port outlets are indicated on the U side or D side, the P, E ports on the opposite side are plugged.
- External pilot port positions and silencer discharge port positions are the same as P, E port outlet positions.



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	I)ime	ension
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L Di	L Dimension n: Station												Stations		
L	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	160.5	185.5	210.5	223	248	273	285.5	310.5	323	348	373	385.5	410.5	435.5	448
L2	150	175	200	212.5	237.5	262.5	275	300	312.5	337.5	362.5	375	400	425	437.5
L3	135.1	155.6	176.1	196.6	217.1	237.6	258.1	278.6	299.1	319.6	340.1	360.6	381.1	401.6	422.1
L4	12.5	15	17	13	15.5	17.5	13.5	16	12	14	16.5	12.5	14.5	17	13
L5	97	117.5	138	158.5	179	199.5	220	240.5	261	281.5	302	322.5	343	363.5	384