

5 Port Solenoid Valve Series SZ3000 Serial Transmission Type



How to Order Valve Manifold Assembly

Ordering example (OMRON Corporation compatible serial unit)



SS5Z3-60SR1D-05U	1 set (manifold part number)
*SZ3160-5LOZ-C6	2 sets (Single solenoid part no.)
*SZ3260-5LOZ-C6	3 sets (Double solenoid part no.)

The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

Stations are counted from D side as the 1st one. Indicate the valves to be attached below the manifold part number, in order starting from station 1 as shown in the drawing.

When entry of part numbers becomes complicated, indicate on the manifold specification sheet.

SMC

Type 60S

Cassette Type Manifold Serial Transmission Type Series SZ3000



Series SZ3000

Specifications

Specifications SI Unit Part No.						
External power supply	24 VD	C +10%/–5%	Symbol	Specifications	Part no.	
Current consumption	0.1 A	F, H, J1, J2, Q, R1, R2, V	Q	DeviceNet, CompoBus/D (OMRON Corp.)	EX140-SDN1	
(Inside unit)			R1	OMRON Corp.: CompoBus/S System (16 output points)	EX140-SCS1	
			R2	OMRON Corp.: CompoBus/S System (8 output points)	EX140-SCS2	
			v	Mitsubishi Electric Corp.: CC-LINK System	EX140-SMJ1	





Cassette Type Manifold Serial Transmission Type Series SZ3000

SI Unit Part No.									
Symbol	Specifications	Part no.							
F	NKE Corp.: Uni-wire System	EX140-SUW							
Н	NKE Corp.: Uni-wire H System	EX140-SUH1							
J1	SUNX Corp.: S-LINK System (16 output points)	EX140-SSL1							
J2	SUNX Corp.: S-LINK System (8 output points)	EX140-SSL2							





SV

Series SZ3000

Dimensions: SZ3000 Serial Transmission Type

SS5Z3-60S D- Stations U



Internal Pilot Manifold L Dimension n: Stations (n1 + n2)

<u> </u>	2	3	4	5	6	7	8	9	10
L1	135.5	148	160.5	173	185.5	185.5	198	210.5	223
L2	125	137.5	150	162.5	175	175	187.5	200	212.5
L3	108	118.5	129	139.5	150	160.5	171	181.5	192
L4	14	15	16	17	18	12.5	13.5	14.5	15.5

External Pilot Manifold L Dimension n: Stations (n1 + n2)

<u> </u>	2	3	4	5	6	7	8	9	10
L1	148	160.5	173	185.5	185.5	198	210.5	223	235.5
L2	137.5	150	162.5	175	175	187.5	200	212.5	225
L3	118.5	129	139.5	150	160.5	171	181.5	192	202.5
L4	15	16	17	18	12.5	13.5	14.5	15.5	16.5



Dimensions: SZ3000 Serial Transmission Type

SS5Z3-60S D- Stations B



Internal Pilot Manifold L Dimension n: Stations (n1 + n2)

L n	2	3	4	5	6	7	8	9
L1	148	160.5	173	185.5	198	210.5	210.5	223
L2	137.5	150	162.5	175	187.5	200	200	212.5
L3	124	134.5	145	155.5	166	176.5	187	197.5
L4	12	13	14	15	16	17	12	13
<u> </u>	10	11	12	13	14	15	16	
_L1	235.5	248	260.5	273	285.5	285.5	298	
L2	225	237.5	250	262.5	275	275	287.5	
L3	208	218.5	229	239.5	250	260.5	271	
L4	14	15	16	17	18	12.5	13.5	

External Pilot Manifold L Dimension n: Stations (n1 + n2)								
<u> </u>	2	3	4	5	6	7	8	9
L1	160.5	173	185.5	198	210.5	210.5	223	235.5
L2	150	162.5	175	187.5	200	200	212.5	225
L3	134.5	145	155.5	166	176.5	187	197.5	208
L4	13	14	15	16	17	12	13	14
		-						
L n	10	11	12	13	14	15	16	
L1	248	260.5	273	285.5	285.5	298	310.5	
L2	237.5	250	262.5	275	275	287.5	300	
L3	218.5	229	239.5	250	260.5	271	281.5	
L4	15	16	17	18	12.5	13.5	14.5	



Please contact SMC for detailed specifications, delivery and pricing.



Fluoro rubber is used for rubber parts of the main valve to allow use in applications such as the following.

1. When using a lubricant other than the recommended turbine oil, and there is a possibility of malfunction due to swelling of the spool valve seals.

2. When ozone enters or is generated in the air supply.

Model no.



standard products. Note) Because in series -X90 fluoro rubber is used for only main valve, the rubber parts of the application/usage in conditions requiring heat resistance should be avoided.

2 Plug-in Manifold Connector and Serial Unit Mounted on Side U

Products are also available with the plug-in manifold connector mounting position and the serial unit mounting position on the reverse side (U side). For details about part numbers and wiring specifications, etc., please contact SMC.



Made-to-order

