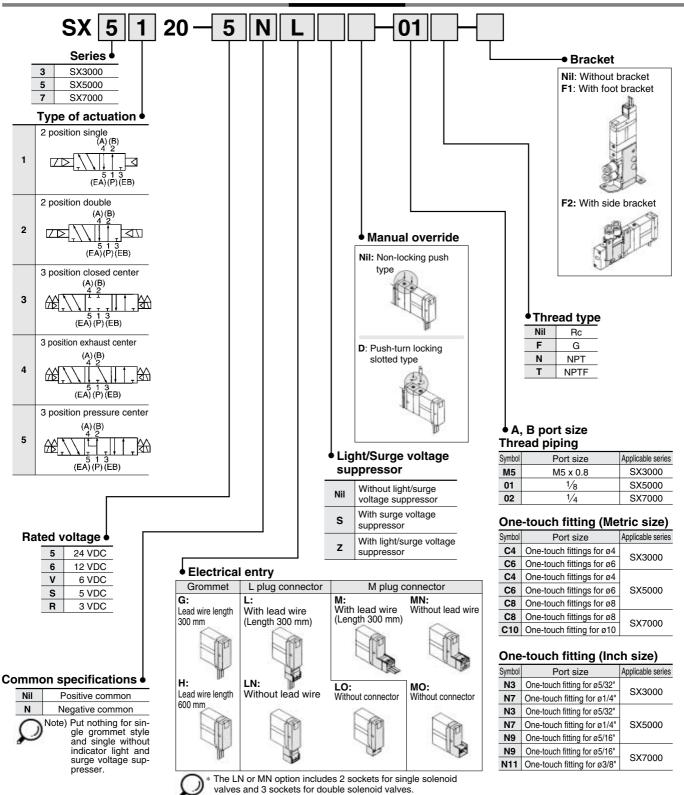
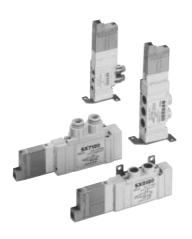


How to Order



Series SX3000/5000/7000



Specifications

Series		SX3000	SX5000	SX7000
Fluid		Air		
Internal pilot	2 position single	0.15 to 0.7		
Operating pressure range (MPa)	2 position double	0.1 to 0.7		
	3 position	0.2 to 0.7		
Ambient and fluid temperature (°C)		Max. 50		
Max. operating frequency (Hz)	2 position single, double	10	5	5
	3 position	3	3	3
Manual override		Non-locking push type, Push-turn locking slotted type		
Pilot exhaust method		Common exhaust type for main and pilot valve		
Lubrication		Not required		
Mounting orientation		Unrestricted		
Impact/Vibration resistance (m/s²)Note)		150/30		
Enclosure		Dusttight		
143 0203				

Note) Impact resistance:

No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states every once for each condition. (Values at the initial period)

Vibration resistance: No malfunction occurred in a one-sweep test between 45 and 2000 Hz.

Test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature. (Values at the initial period)

SYJ

SV

SZ



Made to Order Specifications (For details, refer to pages 1-6-124 to 1-6-138.)

Solenoid Specifications

Electrical entry		Grommet (G)/(H), L plug connector (L), M plug connector (M)	
Coil rated voltage (V)	DC	24, 12, 6, 5, 3	
Allowable voltage fluctuation		±10% of rated voltage	
Power consumption (W)	DC	0.6 (With indicator light: 0.65)	
Surge voltage suppressor		Diode	
Indicator light		LED	

Response Time



Note) Based on dynamic performance test, JIS B 8375-1981. (Coil temperature: 20°C, at rated voltage)

SX3000

Type of actuation	Response time (ms) (at the pressure of 0.5 MPa)		
		With light/surge voltage suppressor	
	voltage suppressor	S, Z type	
2 position single	12 or less	15 or less	
2 position double	10 or less	13 or less	
3 position	15 or less	20 or less	

SX5000

	Response time (ms) (at the pressure of 0.5 MPa)		
Type of actuation		With light/surge voltage suppressor	
	voltage suppressor	S, Z type	
2 position single	19 or less	26 or less	
2 position double	18 or less	22 or less	
3 position	32 or less	38 or less	

SX7000

	Response time (ms) (at the pressure of 0.5 MPa)		
Type of actuation		With light/surge voltage suppressor	
	voltage suppressor	S, Z type	
2 position single	31 or less	38 or less	
2 position double	27 or less	30 or less	
3 position	50 or less	56 or less	

