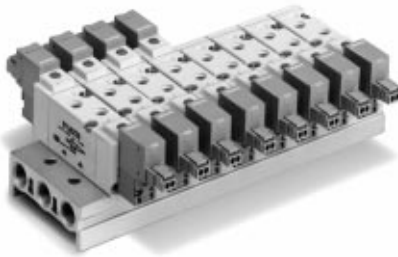


Flat Cable Manifold

•Multiple valve wiring is simplified through the use of the flat cable connector.

•Clean appearance

With the flat cable manifold, each valve is wired to the manifold base. A single MIL specification flat cable connects the entire manifold to the power source. This greatly reduces installation time.



Flat Cable Manifold Specifications

Model		20P	41P	43P
Manifold style		Single base style/B mount		
P (SUP), R (EXH) style		Common SUP, Common EXH		
Valve stations		3 to 12 stations		
A, B port specifications	Location	Valve	Base	
	Direction	Top	Side	
Port size	P, R port	Rc(PT)1/8	Rc(PT)1/8	
	A, B port	M5 X 0.8 C4 (ø4 One-touch fitting) C6 (ø6 One-touch fitting)	M5 X 0.8	C4 (ø4 One-touch fitting)
Valve effective area mm ² (Cv) ⁽¹⁾	Body ported SYJ5□23	M5: 3.4 (0.19) C4: 3 (0.17) C6: 3.4 (0.19)	—	—
	Base mounted SYJ5□43	—	2.9 (0.16)	3.2 (0.18)
Connector ⁽²⁾		Socket: 26 poles MIL type with strain relief conforms to MIL-C-83503		
Internal wiring		Both for +COM and -COM		
Rated voltage		24V DC, 12V DC, 100V AC, 110V AC		



Note 1) Value for single operation of 2 position valve mounted on manifold base.

Note 2) The withstand voltage specification for the wiring unit section conforms to JISC0704, Grade 1 or its equivalent.

How to Order Valve Manifold

Specify the part numbers for the valve(s), blank plate ass'y, and manifold base.

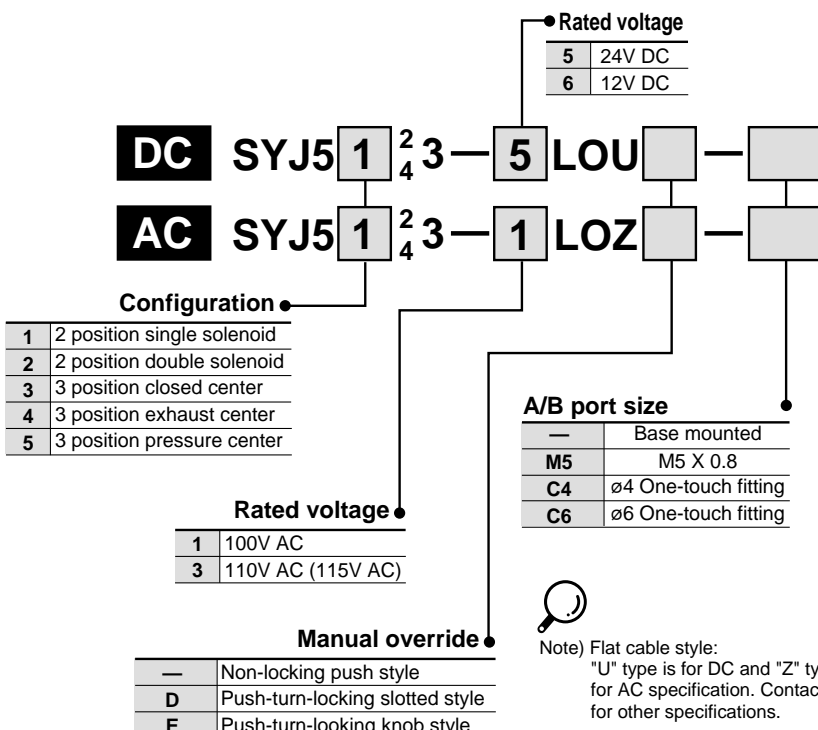
Example •SS5YJ5-41P-07-C4 1 pc. (Manifold base)
 SYJ5143-5LOU 3 pcs. (Valve)
 SYJ5243-5LOU 3 pcs. (Valve)
 SYJ5000-21-3A 1 pc. (Blank plate ass'y)
 SY3000-37-3A 3 pcs. (Connector ass'y)
 SY3000-37-4A 3 pcs. (Connector ass'y)

*Use manifold specifications sheet.

⚠ Caution

The manifold can be wired for either positive or negative common because only non-polar valves are used. The use of valves other than non polar types are not recommended. It may cause damage to the electrical circuit.

How to Order Valve



How to Order Connector Ass'y

For 12V/24V DC

Single solenoid	SY3000-37-28A
Double solenoid 3 position	SY3000-37-29A
Single with interface ass'y	SY3000-37-40A
Double solenoid 3 position with inter face ass'y	SY3000-37-41A

For 100V DC

Single solenoid	SY3000-37-46A
Double solenoid 3 position	SY3000-37-47A
Single with interface ass'y	SY3000-37-48A
Double solenoid 3 position with inter face ass'y	SY3000-37-49A

For 110V DC (115V AC)

Single solenoid	SY3000-37-54A
Double solenoid 3 position	SY3000-37-55A
Single with interface ass'y	SY3000-37-56A
Double solenoid 3 position with inter face ass'y	SY3000-37-57A