

Manifold Specifications

Model		D-sub connector Type 45F	Flat ribbon cable type 45P□			Terminal block		Flat ribbon cable PC wiring system compatible	
			Type 45P	Type 45PG	Type 45PH	Type 45T	Type 45T1		Type 45G
Manifold			Plug-in type						
P(SUP), R(EXH)			Common SUP/Common EXH						
Valve stations (Note)			2 to 20 stations	2 to 16 stations	2 to 8 stations		2 to 17 stations	2 to 16 stations	
A, B porting specifications		Location	Base						
		Direction	Side						
Port size	P, R port	SX3000	C8 (One-touch fitting for ø8)						
		SX5000	C10 (One-touch fitting for ø10)						
	A, B port	SX3000	C4 (One-touch fitting for ø4)/C6 (One-touch fitting for ø6)						
		SX5000	C4 (One-touch fitting for ø4)/C6 (One-touch fitting for ø6)/C8 (One-touch fitting for ø8)						
Connector			D-sub connector: Conforms to MIL-C-24308	Flat ribbon cable connector socket: 26 pins MIL with strain relief; Conforming to MIL-C-83503	Flat ribbon cable connector socket: 20 pins MIL with strain relief; Conforming to MIL-C-83503	Flat ribbon cable connector socket: 10 pins MIL with strain relief; Conforming to MIL-C-83503	Terminal block (M3) 9 pins	Terminal block (M3) 18 pins	Flat ribbon cable connector socket: 20 pins MIL with strain relief; Conforming to MIL-C-83503
Internal wiring			+COM (Type 45□), -COM (Type 45N□)			In common between +COM and -COM.		+ COM	
Manifold base weight W (g) n: Stations (D-sub connector)		SX3000	2 to 10 stations: W = 26n + 172 11 to 20 stations: W = 26n + 199						
		SX5000	2 to 10 stations: W = 54n + 227 11 to 20 stations: W = 54n + 264						

Note) There is a limit to the number of stations available depending on the number of solenoids required. Please refer to the "How to Order". For more than 10 stations, supply pressure through the "P" ports at both ends of the manifold exhaust through both ends as well.

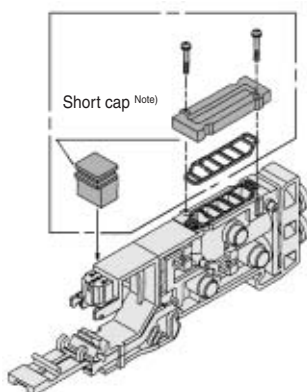
Flow Characteristics

Model	Port size		Flow characteristics					
			1 → 4/2 (P → A/B)			4/2 → 5/3 (A/B → EA/EB)		
	1, 5, 3 (P, EA, EB)	4, 2 (A, B)	C [dm ³ / (s-bar)]	b	Cv	C [dm ³ / (s-bar)]	b	Cv
SS5X3-45I	C8	C6	0.88	0.21	0.22	0.95	0.18	0.22
SS5X5-45I	C10	C8	2.2	0.24	0.53	2.5	0.18	0.58

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

Manifold Option

Blanking plate assembly



Series	Assembly part no.
SX3000	SX3000-75-2A
SX5000	SX5000-76-6A

Note) When mounting blanking plate, be sure to mount a short cap.

SUP block disk

By installing a SUP block disk in the pressure supply passage of a manifold valve, it is possible to supply two or more different high and low pressures to one manifold.



Series	Part no.
SX3000	SX3000-77-1A
SX5000	SX5000-77-1A

EXH block disk

By installing an EXH block disk in the exhaust passage of a manifold valve, it is possible to divide the valve's exhaust so that it does not affect another valve. (Two block disks are needed to divide both exhausts.)



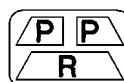
Series	Part no.
SX3000	SX3000-77-1A
SX5000	SX5000-77-1A

Label for block disk

The labels shown below are used on manifold stations containing SUP/EXH block disk(s) to show their location. (3 pcs. each)

VZ3000-123-1A (In common between SX3000 and 5000)

Label for SUP block disk



Label for EXH block disk



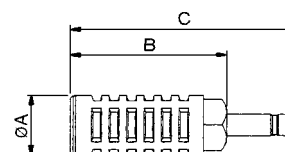
Label for SUP/EXH block disk



Note) When a block disk is concurrently ordered by specifying on the manifold specification sheet, etc., a label will be stuck on the position where block disk is mounted.

Silencer with One-touch fitting

This silencer can be mounted on the manifold's port R (exhaust) with a single touch.



Series	Model	Effective area	A	B	C
SX3000 (ø8)	AN203-KM8	14 mm ²	16	26	51
	AN200-KM10	26 mm ²	22	53.8	80.8
SX5000 (ø10)	AN300-KM10	30 mm ²	25	70	97