

Type **23SA**

EX510 Gateway System Serial Transmission System Body Ported Manifold/Stacking Type Series **SY9000** CE

How to Order Manifold

SS5Y9-23SA [] - **03** - [] - [] - []

SI unit

Nil	NPN output (+COM.)
N	PNP output (-COM.)

CE-compliant

Nil	—
Q	CE-compliant

Valve stations

Symbol	Stations	Note
03	3 stations	Double wiring ^{Note 1)}
⋮	⋮	
08	8 stations	Specified layout ^{Note 2)} (Compatible with 16 solenoid valves)
03	3 stations	
⋮	⋮	
16	16 stations	

- The number of the blanking plate assembly is also included.
- Note 1) Double wiring: Use of a single solenoid will result in an unused control signal. If this is not desired, order with a specified layout.
- Note 2) Specified layout: Indicate wiring specifications on the manifold specification sheet. (Note that double and 3 position valves cannot be used where single solenoid wiring has been specified.)

Option

Nil	Direct mounting
D	DIN rail mounting (With DIN rail)
DO	DIN rail mounting (Without DIN rail)
D*	When a longer DIN rail is desired than the specified stations, specify the station number to be required into * mark.

P, R port thread type

Nil	Rc
00F	G
00N	NPT
00T	NPTF

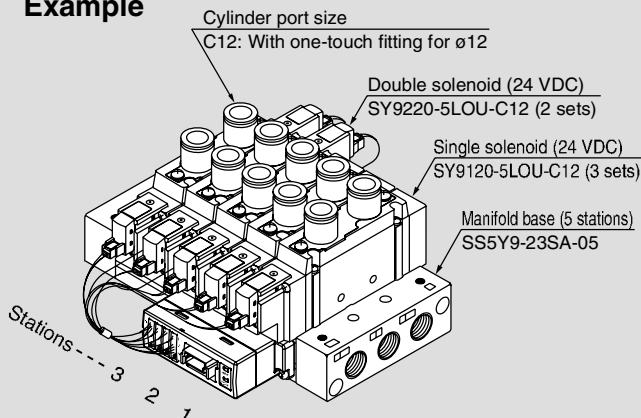
SI unit part no.

Symbol	SI unit specifications	SI unit part no.	Page
Nil	NPN output (+COM.)	EX510-S001	P.1715 to 1717
N	PNP output (-COM.)	EX510-S101	

For details of "Gateway System Serial Transmission System, Series EX510", refer to pages 1696 through to 1724.

How to Order Manifold Assembly (Example)

Example



- SS5Y9-23SA-051 set (23SA type 5-station manifold part no.)
- *SY9120-5LOU-C12...3 sets (Single solenoid part no.)
- *SY9220-5LOU-C12...2 sets (Double solenoid part no.)

The asterisk denotes the symbol for assembly. Prefix to the part no. of the solenoid valve, etc.

Add the valve and option part number under the manifold base part number. When entry of part numbers becomes complicated, indicate by the manifold specification sheet. For a manifold for an EX510, the length of the lead wire for a connector assembly depends on the number of stations. Therefore, the manifold assembly is shipped with the valves (including blanking plates) and connector assembly mounted on it, as the standard specification. Be sure to specify the part nos. of the solenoid valves to be mounted.

How to Order Valves

SY9 **1** **20** **-** **5** **LO** **Z** **-** **02** **-** **-**

Type of actuation

1	2 position single
2	2 position double
3	3 position closed center
4	3 position exhaust center
5	3 position pressure center

Pilot specifications

Nil	Internal pilot
R	External pilot

Rated voltage: 24 VDC

Light/surge voltage suppressor

Z	With light/surge voltage suppressor
U	Without light/surge voltage suppressor (non-polar type)

Manual override

Nil	Non-locking push type
D	Push-turn locking slotted type
E	Push-turn locking lever type

CE-compliant

Nil	—
Q	CE-compliant

Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

A, B port size

Thread piping

02	1/4
03	3/8

One-touch fitting (Metric size)

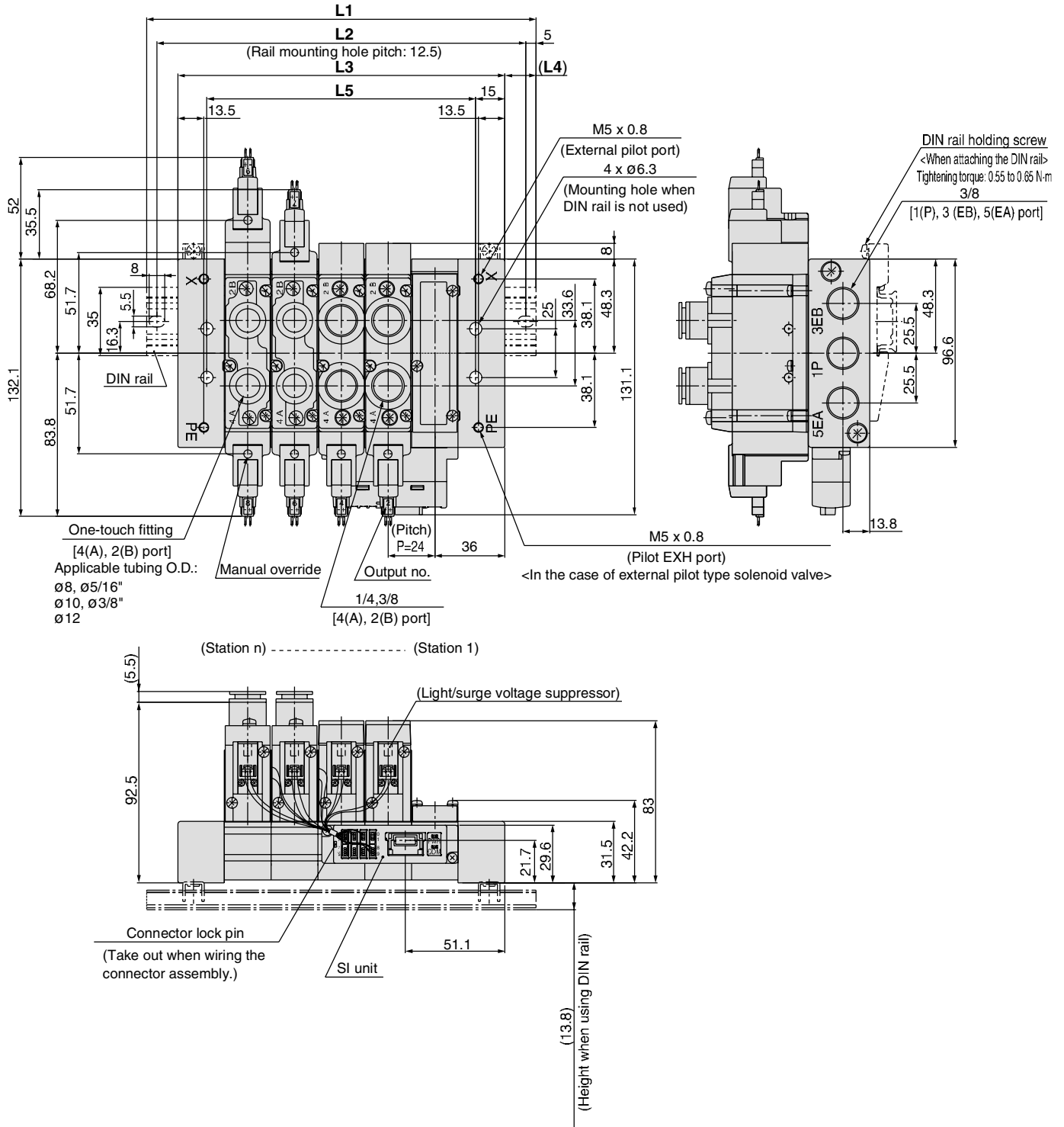
C8	One-touch fitting for ø8
C10	One-touch fitting for ø10
C12	One-touch fitting for ø12

One-touch fitting (Inch size)

N9	One-touch fitting for ø5/16"
N11	One-touch fitting for ø3/8"

Type **23SA** Series **SY9000**

SY9000: SS5Y9-23SA - Stations - (-D)



Stations n	3 stations	4	5	6	7	8	9	10	11	12	13	14	15	16 stations
L1	148	173	198	223	248	273	298	323	335.5	360.5	385.5	410.5	435.5	460.5
L2	137.5	162.5	187.5	212.5	237.5	262.5	287.5	312.5	325	350	375	400	425	450
L3	120	144	168	192	216	240	264	288	312	336	360	384	408	432
L4	14	14.5	15	15.5	16	16.5	17	17.5	12	12.5	13	13.5	14	14.5
L5	90	114	138	162	186	210	234	258	282	306	330	354	378	402

Note) In the case of direct mounting without DIN rail, total width of manifold is L3.

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