

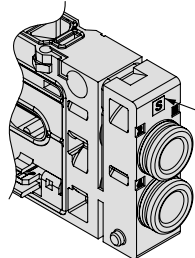
Series SY3000/5000

Manifold Parts No.

① Manifold block assembly

SY OM-2- A- •A, B port size

Series	Piping direction
3 SY3000	1 Side/Top ported
5 SY5000	2 Bottom ported



Single wiring
Marked with **S**

Wiring type
S Single wiring
D Double wiring

Symbol	A, B port	SY3000	SY5000	Note
C2	ø2 One-touch fitting	●	—	Side/Bottom ported Metric size
C3	ø3.2 One-touch fitting	●	—	
C4	ø4 One-touch fitting	●	—	
C6	ø6 One-touch fitting	●	●	
C8	ø8 One-touch fitting	—(Note)	●	Side/Bottom ported Inch size
N1	ø1/8" One-touch fitting	●	—	
N3	ø5/32" One-touch fitting	●	●	
N7	ø1/4" One-touch fitting	●	●	
N9	ø5/16" One-touch fitting	—(Note)	●	

Note) Refer to Mixed Mounting Type: ø8, ø5/16"

Symbol	A, B port	SY3000	SY5000	Note
L4	ø4 One-touch fitting	●	●	Side ported Metric size
L6	ø6 One-touch fitting	●	●	
L8	ø8 One-touch fitting	—(Note)	●	Side ported Metric size
LN3	ø5/32" One-touch fitting	●	—	
LN7	ø1/4" One-touch fitting	●	●	Side ported Metric size
LN9	ø5/16" One-touch fitting	—(Note)	●	
B4	ø4 One-touch fitting	●	●	Side ported Metric size
B6	ø6 One-touch fitting	●	●	
B8	ø8 One-touch fitting	—(Note)	●	Side ported Metric size
BN3	ø5/32" One-touch fitting	●	—	
BN7	ø1/4" One-touch fitting	●	●	Side ported Metric size
BN9	ø5/16" One-touch fitting	—(Note)	●	
00	Plug	●	●	Top ported

① Mixed mounting of the SY3000 and SY5000, Manifold block assembly for mounting the SY3000

SY50M-2- A-

Piping direction
3 Side/Top ported
4 Bottom ported

Wiring type
S Single wiring
D Double wiring

Symbol	A, B port	Note	Symbol	A, B port	Note
C2	ø2 One-touch fitting	Side/Bottom ported Metric size	L4	ø4 One-touch fitting	Side ported
C3	ø3.2 One-touch fitting		L6	ø6 One-touch fitting	Metric size
C4	ø4 One-touch fitting		LN3	ø5/32" One-touch fitting	Side ported
C6	ø6 One-touch fitting	Side/Bottom ported Inch size	LN7	ø1/4" One-touch fitting	Inch size
N1	ø1/8" One-touch fitting		B4	ø4 One-touch fitting	Side ported
N3	ø5/32" One-touch fitting		B6	ø6 One-touch fitting	Metric size
N7	ø1/4" One-touch fitting		BN3	ø5/32" One-touch fitting	Side ported
			BN7	ø1/4" One-touch fitting	Inch size
			00	Plug	Top ported

A, B port size

① Mixed mounting of the SY3000 and SY5000, Manifold block assembly for mounting the SY3000 valves on the SY5000 manifolds at A, B port size: ø8, ø5/16"

SY50M-2- A-

Piping direction
5 Side ported
6 Bottom ported

Wiring type
S Single wiring
D Double wiring

A, B port size

Symbol	A, B port	Note
C8	ø8 One-touch fitting	Side/Bottom ported Metric size
N9	ø5/16" One-touch fitting	Side/Bottom ported Inch size
L8	ø8 One-touch fitting	Side ported Metric size
LN9	ø5/16" One-touch fitting	Side ported Inch size
B8	ø8 One-touch fitting	Side ported Metric size
BN9	ø5/16" One-touch fitting	Side ported Inch size

*Manifold block assembly accessories

SY3000:

- ②⑥ Tie-rod assembly for additional stations/2
- ②② Base gasket/1
- ②③ Connector gasket/1
- ②④ Manifold block gasket/1

SY5000 (including mixed mounting type):

- ②⑥ Tie-rod assembly for additional stations/3
- ②② Base gasket/1
- ②③ Connector gasket/1
- ②④ Manifold block gasket/1

*SUP/EXH end block assembly accessories

- SY3000: Tension bolt/2
- ②④ Manifold block gasket/1
- SY5000: Tension bolt/3
- ②④ Manifold block gasket/1

*SUP/EXH block assembly accessories

- SY3000: Tension bolt/None (because the nuts are embedded)
- SY5000: Tension bolt/3

② SUP/EXH end block assembly

SY OM-3-1 A - -

③ SUP/EXH block assembly

SY OM-1- A - - -

Series
3 SY3000
5 SY5000

SUP/EXH block assembly

1	EX500/600/250/260/126, Terminal block box, Lead wire, Circular connector
11	D-sub connector
12	Flat ribbon cable (26 pins)
13	Flat ribbon cable (20 pins)
14	Flat ribbon cable (10 pins)
15	PC wiring (20 pins)
16	EX120

Pilot/Piping type

Symbol	Specifications	Note
Nil	Internal pilot	Side ported
S	Internal pilot, Built-in silencer	
R	External pilot	
V	Internal pilot	Top ported
RV	External pilot	
VP	Internal pilot, for silencer (supply side)*	
B	Internal pilot	Bottom ported
BS	Internal pilot, Built-in silencer	
BR	External pilot	

*"VP" type is plugged with an E port.

Connector entry direction (for D-sub connector, Flat ribbon cable, PC wiring only)

1	Upward
2	Lateral

Mounting

Nil	Direct mounting
D0	DIN rail mounting (Without DIN rail)

P, E port size

Symbol	P, E port	SY3000	SY5000	Note
C8	ø8 One-touch fitting	●	—	Side/Bottom/Top ported Metric size
C10	ø10 One-touch fitting	—	●	
N9	ø5/16" One-touch fitting	●	—	Side/Bottom/Top ported Inch size
N11	ø3/8" One-touch fitting	—	●	
L8	ø8 One-touch fitting	●	—	Side ported Metric size
L10	ø10 One-touch fitting	—	●	
LN9	ø5/16" One-touch fitting	●	—	Side ported Inch size
LN11	ø3/8" One-touch fitting	—	●	
B8	ø8 One-touch fitting	●	—	Side ported Metric size
B10	ø10 One-touch fitting	—	●	
BN9	ø5/16" One-touch fitting	●	—	Side ported Inch size
BN11	ø3/8" One-touch fitting	—	●	
00 (Note 1)	Plug	●	●	P/E port entry on one side or Top ported
00U (Note 2)	Plug	●	●	

Note 1) It can be selected only if no symbol or "S" or "V" or "B" is selected for the pilot port and the piping.

Note 2) "00U" is available only for the D-sub connector type and it has an inch size locking bracket.

Caution

Tightening torque for mounting screw
M2: 0.16 N·m
M3: 0.8 N·m

Manifold Options

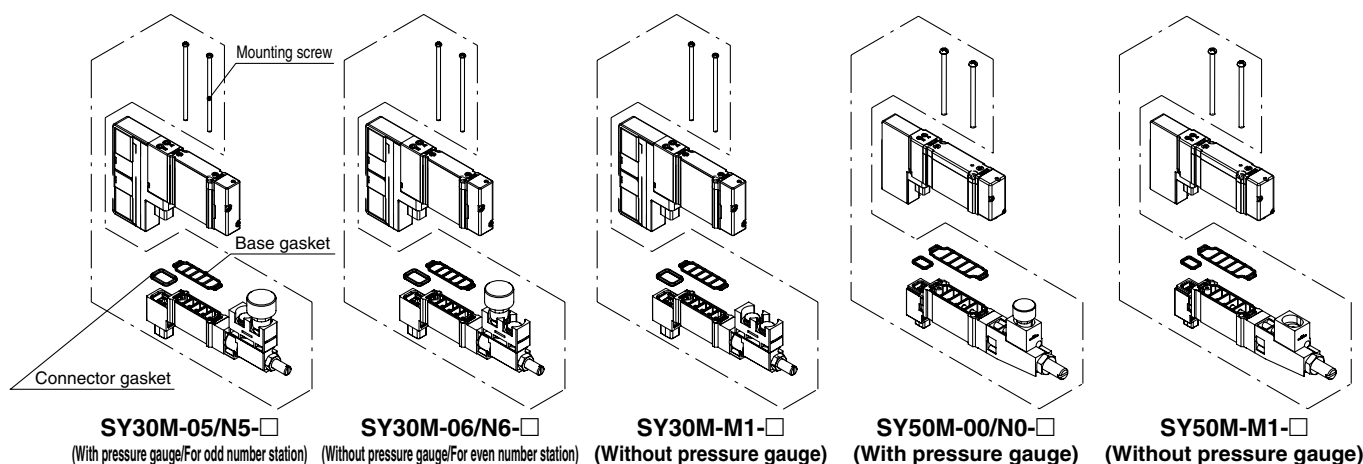
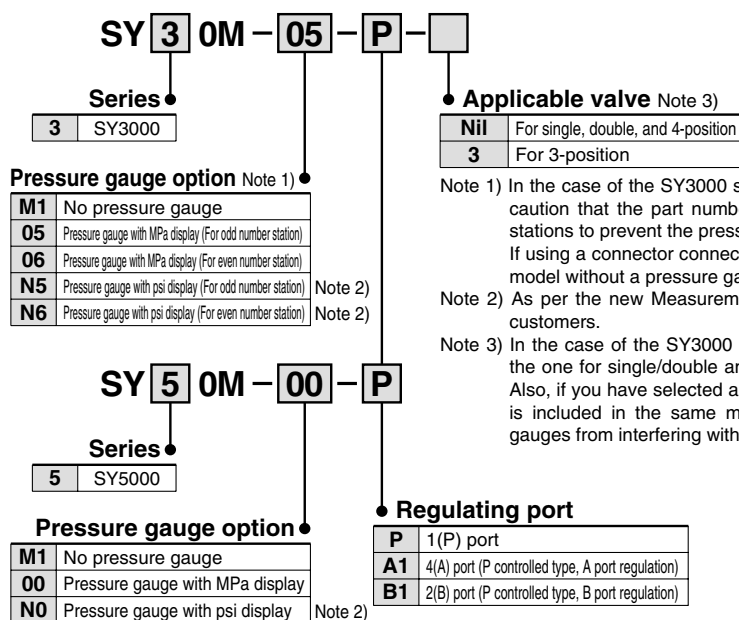
Refer to pages 150 and 152 for dimensions.

Interface regulator

(With a connector gasket, a base gasket, and two mounting screws)

Used when the supply pressure for each valve on the same manifold must be individually set (reduced pressure).

How to Order



Specifications

Interface regulator model	SY30M-□-□-□	SY50M-□-□-□
Applicable valve model Note 2)	SY3□□□(R)	SY5□□□(R)
Regulating port	1(P), 4(A), 2(B)	
Set pressure range	0.1 to 0.7 MPa	
Maximum operating pressure	1.0 MPa	
Fluid	Air	
Ambient and fluid temperature	-10 to 50°C (No freezing)	
Weight [g] Note 3)	With pressure gauge	33(35) Note 4)
	Without pressure gauge	27(29) Note 4)

Note 1) Always apply pressure from 1(P) port in the base for interface regulator.
 Note 2) 1(P) port pressure regulation is only available for 3-position closed center and pressure center, and 4-position dual 3-port valves.
 Note 3) Gasket and mounting screws are included in the weight.
 Note 4) (): Denotes the values of SY30M-□-□-3.

JIS symbol

