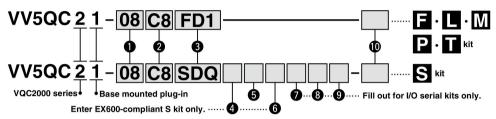
Base Mounted

Plug-in Unit QC2000 Series (

How to Order Manifold



4 End plate type (Enter EX600-compliant S kit only.)

M12 connector power supply (4 pins/5 pins) IN/OUT

M12 connector power supply (4 pins/5 pins) IN/OUT

None

1 station

9 stations

The pin layout for "4" and "5" pin connector is different.

6 I/O unit sations (Enter EX600-compliant S kit only.)

M12 connector power supply

Note) Without SI unit, the symbol is nil.

Note 1) Without SI unit, the symbol is nil.

Note 2) SI unit is not included in I/O unit stations Note 3) When I/O unit is selected, it is shipped separately, and assembled by customer. Refer to the attached operation manual for mounting Number of input blocks (Enter EX250-compliant S kit only.)

Nil Without SI unit/input block (SD0) Without input block With 1 input block

With 8 input blocks

7/8 inch connector power supply

Nil Without end plate

3

Nil

9

Valve stations

01	1 station
:	
	eximum number of stations differs depending on

entry/Cable length.) Note) In case of compatibility with the S kit/AS-Interface, the

- maximum number of solenoids is as shown below, so please he careful of the number of stations 8 in/8 out: Maximum 8 solenoids
 - 4 in/4 out: Maximum 4 solenoids

2 Cylinder port size

	manage process						
C4	With ø4 One-touch fitting						
C6	With ø6 One-touch fitting						
C8	C8 With ø8 One-touch fitting						
CM	Mixed sizes and with port plug						
L4	Top ported elbow with ø4 One-touch fitting						
L6	Top ported elbow with ø6 One-touch fitting						
L8 Top ported elbow with ø8 One-touch fitting							
B4	B4 Bottom ported elbow with ø4 One-touch fitting						
B6	Bottom ported elbow with ø6 One-touch fitting						
B8	Bottom ported elbow with ø8 One-touch fitting						
LM	Elbow port, mixed sizes (Including upward, downward piping and mixed)						
MM Note 2)	Mixed size for different types of piping, option installed						

- Note 1) Indicate the size by means of the manifold specification sheet in case of "CM", "LM", "NM"
- Note 2) When selecting the mixed size for different types of piping or dual flow fitting assembly, enter "MM" and give instructions in the manifold specification
- Note 3) Symbols for inch sizes are as follows:
 - N3: ø5/32*
 - N9: ø5/16" NM: Mixed
 - The top ported elbow is LN□ and the bottom ported elbow is BNO.

Input block type (Enter EX250-compliant S kit only.)

Nil	Without input block
1	M12, 2 inputs
2	M12, 4 inputs
3	M8, 4 inputs (3 pins)

Note) For the S kit compatible with AS-Interface, the

maximum number of stations is limited. Refer to

page 805 in Best Pneumatics No. 1-1 for details.

SI unit output polarity

	SI unit	EX250 integrated-type (I/O) serial transmission system									
0	utput polarity	DeviceNet™	PROFIBUS DP	CC-Link	AS-Interface	CANopen	EtherNet/IP™				
Nil	Positive common	_	_	0	_	_	_				
N Negative common		0	0	_	0	0	0				

SI unit output polarity		EX500 Gateway Decentralized System 2 (128 points)		EX500 Gateway Decentralized System (64 points)		EX260 integrated-type (for output) serial transmission system						EX126 integrated- type (for output) senal transmission system		
		EtherNet1P™	PROFINET	DeviceNet TM	PROFIBUS DP	EtherNet/IP TM	DeviceNet ^{IM}	PROFIBUS DP	CC-Link	EtherCAT	PROFINET	EtherNet/IP TM	Bhenet POWERLINK	CC-Link
Nil	Positive common	_	_	0	0	0	0	0	0	0	0	0	_	0
N	Negative common	0	0	0	0	0	0	0	0	0	0	0	0	_

	01	E:	EX600 integrated-type (I/O) serial transmission system (Fieldbus system)									
	SI unit output polarity	DeviceNet™	PROFIBUS DP	CC-Link	EtherNet/IP™	EtherCAT	PROFINET	EtherNet/IP™ compatible wireless master	compatible	Wireless slave		
N	II Positive common	0	0	0	0	0	0	0	0	0		
1	Negative common	0	0	0	0	0	0	0	0	0		

Input block specification (Enter EX250-compliant S kit only.)

Nil PNP sensor input or without input block N NPN sensor input

notion

Nil	None						
B Note 2)	e 2) All stations with back pressure check valve						
D	With DIN rail (Rail length: Standard) Note 9)						
D Note 4)	With DIN rail (Rail length: Special) Note 9)						
K Note 5)	Special wiring spec. (Except double wiring)						
N Note 12) With name plate							
R Note 6)	External pilot						
S Note 7)	Direct EXH outlet with built-in silencer						
T Note 8) Branched P and R ports on U-side							
	6 15 500 19 8 60						

- Note 1) When two or more symbols are specified, indicate
- Note 1) When two or more symbols are specified, indicate them alphabetically. Example: -BRS Note 2) When a back pressure theck valve is desired, and is to be installed only in certain manifold stations, specify the mounting position by means of the manifold specification sheet. Note 3) When DIN rail mounting (with DIN rail) is selected with a power supply 7/8 inch connector for end plate of the VGC2000 series, and 10 cun list station. number is 9, and max, valve station number is 23
- number is 9, and max, valve station number is 23.

 DIN rail mount cannot be specified for 24 stations.

 (Refer to the DIN rail full length on page 565.)

 Note 4) For special DIN rail length, indicate "D□".

 (Enter the number of stations inside □.)

 Example: -D08
 - In this case, stations will be mounted on a DIN rail for 8 stations regardless of the actual number of manifold stations.
 - The specified number of stations must be larg-er than the number of stations on the manifold. Indicate "-D0" for the option without DIN rail.

- Indicate "-D0" for the option without DIN rail.

 Note 5) When single wiring and double wiring are mixed, specify wiring type of each station by means of the manifold specification sheet.

 Note 6) For external pilot option, "-R", indicate the external pilot specification "Fl" for the applicable valves as well. Note 7) Built-in silencer type does not satisfy IP67.

 Note 8) SUP and EXH ports on the U-side (on cylinder port side and coll side is branched, IPort is

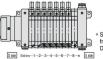
- port side and coil side is branched.) Port is equipped with One-found fitting for or 12.

 Note 9) When "Without SI unit (SD0, SD60)" is specified,
 "With Din Yail (D)" cannot be selected.

 Note 10) When changing the specifications of the EX600 from
 no DIN rail to DIN rail mounting, please consult SMC.

 Note 11) DIN rail is not attached (but shipped together) on
 the manifold in case of the EX600 with DIN rail.

 Refer to page 597 for mounting method.
- Note 12) When mounting the slide locking manual type valve by ordering only the manifold, order the name plate separately. For details, refer to page 593.



 Stations are counted from station 1 on the

Refer to Best Pneumatics No. 1-1 and the Operation Manual for the details of EX600 Integrated-type (For I/O) Serial Transmission System. Please download the Operation Manual via our website, http://www.smcworld.com