

- The D-sub connector reduces installation labor for electrical connections.
- Using the D-sub connector (25P), (15P as an option) conforming to MIL standard permits the use of connectors put on the market and gives a wide interchangeability.
- Top or side receptacle position can be selected in accordance with the available mounting space.
- Maximum stations are 24.

## Manifold Specifications

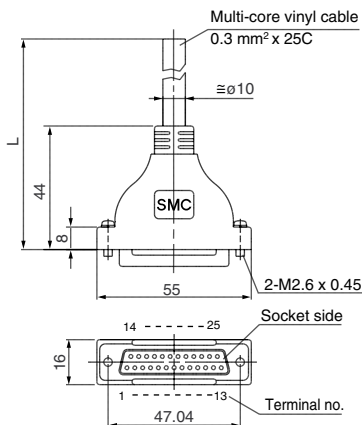
Series	Porting specifications			Applicable stations
	Port location	Port size		
		1(P), 3(R)	4(A), 2(B)	
VQ1000	Side	C8	C3, C4, C6, M5	Max. 24 stations
VQ2000	Side	C10	C4, C6, C8	Max. 24 stations

## D-sub Connector (25 pins)

## Cable Assembly ●

AXT100-DS25-015  
030  
050

(The D-sub connector cable assembly can be ordered individually or included in a specific manifold model no. Refer to How to Order Manifold.)



### D-sub Connector Cable Assembly (Option)

Cable length (L)	Assembly part no.	Note
1.5 m	AXT100-DS25-015	Cable 25 core x 24AWG
3 m	AXT100-DS25-030	
5 m	AXT100-DS25-050	

\* For other commercial connectors, use a 25 pins type with female connector conforming to MIL-C-24308.

### Connector manufacturers' example

- Fujitsu Limited
- Japan Aviation Electronics Industry, Ltd.
- J.S.T. Mfg. Co., Ltd.
- Hirose Electric Co., Ltd.

### Electric Characteristics

Item	Characteristics
Conductor resistance $\Omega/\text{km}$ , 20°C	65 or less
Voltage limit V, 1 min, AC	1000
Insulation resistance $M\Omega/\text{km}$ , 20°C	5 or more

Note) The min. bending radius of D-sub cable assembly is 20 mm.

### Wire Color by Terminal No. of D-sub Connector Cable Assembly

Terminal no.	Lead wire color	Dot marking
1	Black	None
2	Brown	None
3	Red	None
4	Orange	None
5	Yellow	None
6	Pink	None
7	Blue	None
8	Purple	White
9	Gray	Black
10	White	Black
11	White	Red
12	Yellow	Red
13	Orange	Red
14	Yellow	Black
15	Pink	Black
16	Blue	White
17	Purple	None
18	Gray	None
19	Orange	Black
20	Red	White
21	Brown	White
22	Pink	Red
23	Gray	Red
24	Black	White
25	White	None



Note) Types with 15 pin are also available. Refer to page 2-4-177 for details.

## How to Order Manifold

VV5Q 1 1-08 C6 F U 1-N

### Series

1	VQ1000
2	VQ2000

### Manifold

1	Plug-in unit
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### Stations

02	2 stations
⋮	⋮
24	24 stations



Note) For details, refer to page 2-4-178.

### Connector entry direction

U	Top entry
S	Side entry

### Cylinder port

Symbol	Port size	VQ1000	VQ2000
C3	With One-touch fitting for $\phi 3.2$	●	
C4	With One-touch fitting for $\phi 4$	●	●
C6	With One-touch fitting for $\phi 6$	●	●
C8	With One-touch fitting for $\phi 8$	●	●
M5	M5 thread	●	
CM	With mixed size/with port plug	●	● (3)



Note 1) Insert "L" (top piping) or "B" (bottom piping) for elbow type. Example) B6 (Elbow One-touch fittings for  $\phi 6$ , bottom piping.)



Note 2) Indicate "LM" for models with elbow fittings and mixed cylinder port sizes.

Note 3) Specify "Mixed size/with port plug" in the manifold specification sheet.

Note 4) Inch-size One-touch fittings are available. For details, refer to page 2-4-179.

### Cable (Length)

0	Without cable
1	With cable (1.5 m)
2	With cable (3 m)
3	With cable (5 m)

### Option

Symbol	Option	VQ1000	VQ2000	Note
Nil	None	●	●	
B	With back pressure check valve	●	●	(2)
D	DIN rail mounting style	●	●	
G1	1 set of regulator unit	●		(3)
G2	2 sets of regulator unit			
G3	3 sets of regulator unit			
J□	With vacuum ejector unit	●		(4)
K	Special wiring specifications (Not double wiring)	●	●	(5)
N	With name plate	●	●	
R	External pilot	●	●	(6)
S	Built-in silencer, direct exhaust	●	●	



Note 1) When two or more symbols are specified, indicate them alphabetically. Example) -BRS



Note 2) Models with a suffix "B" have check valves for prevention of back pressure at all manifold stations. If not all stations need this check valve, specify the stations where check valves are installed by using the manifold specification sheet.

Note 3) Specify the mounting position in the manifold specification sheet.

Note 4) Refer to page 2-4-170 for the details of ejector mounted styles. A combination of "J" and "N" is unavailable.

Note 5) Specify the wiring by using of the manifold specification sheet.

Note 6) Indicate "R" for the valve with external pilot.