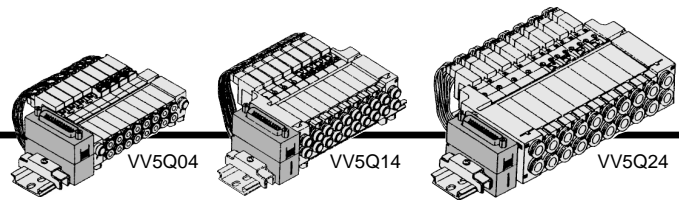


F VQ0000/1000/2000 Kit (D-sub Connector)



Manifold Specifications VV5Q14

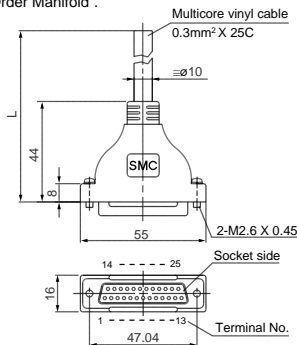
Series	Porting specifications			Applicable stations
	Port location	Port size		
VQ0000	Side	C6	C3, C4, M5	Max. 16
VQ1000	Side	C6	C3, C4, C6, M5	Max. 16
VQ2000	Side	C8	C4, C6, C8	Max. 16

- The D-sub connector reduces installation labor for electrical connection.
- The D-sub connector (25 pin std., 15 pin option) conforms with MIL permitting use of commercial connectors with wide interchangeability.
- Top or side receptacle position can be selected in accordance with the available mounting space.
- Max. 16 stations.

D-sub connector (25 pin)

AXT100-DS25-015
030
050

(The D-sub connector cable ass'y can be ordered individually or included in a specific manifold model No. Refer to "How to Order Manifold".)



D-sub connector cable ass'y (Option)

Cable Length (L)	Ass'y No.	Note
1.5m	AXT100-DS25-015	Cable 25 core X 24AWG
3m	AXT100-DS25-030	
5m	AXT100-DS25-050	

* For other commercial connectors, use a 25 pin female connector made in conformity with MIL-C-24308.

Electrical characteristics

Item	Characteristic
Conductor resistance Ω /km, 20°C	65 or less
Voltage limit V, 1 min, AC	1000
Insulation resistance M Ω /km, 20°C	5 or more

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

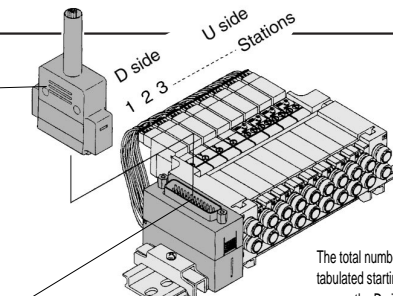


(Note) Types with 15-pin are also available. See p.1.10-66 for details.

Cable Assembly

Wire color table by terminal number of D-sub connector cable assembly:

Terminal No.	Lead wire color	Dot marking
1	Black	-
2	Brown	-
3	Red	-
4	Orange	-
5	Yellow	-
6	Pink	-
7	Blue	-
8	Violet	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	Violet	-
18	Gray	-
19	Orange	Black
20	Red	White
21	Brown	White
22	Pink	Red
23	Gray	Red
24	Black	White
25	White	-



The total number of stations is tabulated starting from station one on the D side.

Electrical Wiring Specifications

D-sub cable ass'y (AXT100-DS25-030/050) wire color table

D-sub connector	Terminal No.	Polarity	Lead wire color	Dot marking
1 station	SOL A	(-)	(+)	Black
	SOL B	(-)	(+)	Yellow
2 stations	SOL A	(-)	(+)	Brown
	SOL B	(-)	(+)	Pink
3 stations	SOL A	(-)	(+)	Red
	SOL B	(-)	(+)	Blue
4 stations	SOL A	(-)	(+)	Orange
	SOL B	(-)	(+)	Violet
5 stations	SOL A	(-)	(+)	Yellow
	SOL B	(-)	(+)	Gray
6 stations	SOL A	(-)	(+)	Pink
	SOL B	(-)	(+)	Orange
7 stations	SOL A	(-)	(+)	Blue
	SOL B	(-)	(+)	Red
8 stations	SOL A	(-)	(+)	Violet
	SOL B	(-)	(+)	Brown
COM	13	(+)	Note (-)	Orange

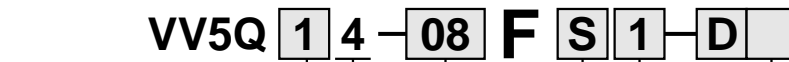
Positive COM Negative COM

Connector terminal No.

Irrespective of the valves or options, the internal wiring is made double (connected to SOL. A and SOL. B) for respective stations of the manifold. The optional specification permits mixture of single and double wiring. See p.1.10-67 for details.

(Note) Use negative COM valves for negative COM specification manifolds. (See p.1.10-67)

How to Order Manifold



Series

0	VQ0000
1	VQ1000
2	VQ2000

Manifold

4	Plug lead unit/Flip
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Stations

01	1 station
⋮	⋮
16	16 stations

See p.1.10-67 for details.

Cable (length)

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

Connector location

U	Top (vertical)
S	Side (horizontal)

Option

Symbol	Option
D ⁽²⁾	DIN rail mounting
K	Special wiring specification (Not double wiring)
N	With name plate
S	Built-in silencer
	{Direct exhaust (U side only)}

Note 1) When specifying more than one option, please list alphabetically. Example) -DNS
 Note 2) Specify the wiring specifications by means of the manifold specification form.