

How to Order Valves

VQ 1 1 0 0 Y - 5

Series
1 VQ1000

Type of actuation
1 2 position single (A/B)
(R1)(P)(R2)
2 Metal 2 position double (A/B)
(R1)(P)(R2)
Rubber 2 position double (A/B)
(R1)(P)(R2)

Seal
0 Metal seal
1 Rubber seal

Manual override
Nil: Non-locking push type (Tool required)
B: Push-locking slotted type
C: Locking type (Manual)

Light/Surge voltage suppressor
Nil Yes
E (Note) None
Note) Inapplicable to the S kit.

Function
3 3 position closed center (A/B)
(R1)(P)(R2)
4 3 position exhaust center (A/B)
(R1)(P)(R2)
5 3 position pressure center (A/B)
(R1)(P)(R2)
A (Note) 4 position dual 3 port valve (A/B)
N.C 1 3 N.C
B (Note) 4 position dual 3 port valve (A/B)
N.O 1 3 N.O
C (Note) 4 position dual 3 port valve (A/B)
N.C 1 3 N.O

Coil voltage
1 100 VAC (50/60 Hz)
2 (Note) 200 VAC (50/60 Hz)
3 110 VAC (50/60 Hz)
4 (Note) 220 VAC (50/60 Hz)
5 24 VDC
6 12 VDC
Note) 200/220 VAC models are applicable to F and L kits.

Specifications
Symbol Specifications DC AC
Nil Standard type (1.0 W) (Note)
H High pressure type (1.5 W) —
Y Low wattage type (0.5 W) —
Note) For power consumption of AC type, refer to page 2-4-129.
Note) For external pilot and negative COM specifications, refer to "Option" on pages 2-4-178 to 2-4-179.
Note) Rubber seal type only.

How to Order Manifold Assembly

Example

Single solenoid (24 VDC)
VQ1100-5 (4 sets)
Double solenoid (24 VDC)
VQ1200-5 (4 sets)
Blanking plate
VQ1000-10A-1 (1 set)
D-sub connector
F kit (D-sub connector)
Cylinder ports
C6: With One-touch fitting for ø6
Manifold base (9 stations)
VV5Q11-09C6FU2

VV5Q11-09C6FU2 1 set (F kit 9 station manifold base no.)
*VQ1100-5 4 sets (Single solenoid part no.)
*VQ1200-5 4 sets (Double solenoid part no.)
*VV1000-10A-1 1 set (Blanking plate part no.)

The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

Specify the part numbers for valves and options together beneath the manifold base part number. Besides, when the arrangement will be complicated, specify them by means of the manifold specification sheet.

VQC

SQ

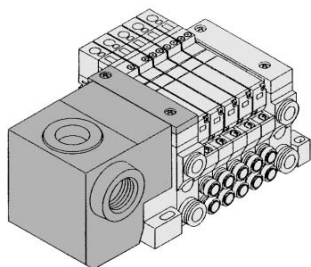
VQ0

VQ4

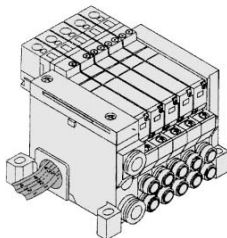
VQ5

VQZ

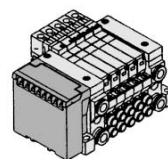
VQD

T kit
(Terminal box)

P. 2-4-146

L kit
(Lead wire cable)

P. 2-4-150

S kit
(Serial transmission unit)

The valve is equipped with an indicator light and surge voltage suppressor, and the voltage is 24 VDC. The dust proof SI unit is also available. Refer to page 2-4-154 for details.

P. 2-4-154

Kit T O Terminal block box 2 to 24 stations⁽²⁾

Kit L	0	With cable (0.6 m)	1 to 8 stations
	1	With cable (1.5 m)	
	2	With cable (3 m)	

Kit S	0	Without SI unit	Max. 16 ⁽²⁾ stations
	A	With general type SI unit (Series EX300)	
	B	Mitsubishi Electric Corp.: MELSECNET/MINI-S3 Data Link System	
	C	OMRON Corp.: SYSBUS Wire System	
	D	SHARP Corp.: Satellite I/O Link System	
	E	Matsushita Electric Works: MEWNET-F System	
	F1	NKE Corp.: Uni-wire System (16 output points)	Max. 8 stations
	G	Rockwell Automation: Allen Bradley Remote I/O (RIO) System	
	H	NKE Corp.: Uni-wire H System	
	J1	SUNX Corp.: S-LINK System (16 output points)	
	J2	SUNX Corp.: S-LINK System (8 output points)	Max. 16 stations
	K	Fuji Electric Co.: T-LINK Mini System	
	Q	DeviceNet, CompoBus/D (OMRON Corp.)	
	R1	OMRON Corp.: CompoBus/S System (16 output points)	
	R2	OMRON Corp.: CompoBus/S System (8 output points)	Max. 8 stations
	V	Mitsubishi Electric Corp.: CC-LINK System	Max. 16 stations