

VDW10/20/30 Series



How to Order Manifold

VV2DW 2 - 05 01

Series

1	10
2	20
3	30

Material

Symbol	Manifold material	Seal material
Nil	Brass (C37)	NBR
A		FKM
B		EPDM
G	Stainless steel	NBR
H		FKM
J		EPDM

CE/UKCA-compliant

Nil	—
Q	CE/UKCA-compliant

Option

Nil	None
F	With bracket

Note) 30 series is available with bracket only.

Thread type

Nil	Rc
F	G*
N	NPT

* For connection, prepare a fitting compliant with ISO 16030 and JIS B 8674.

Stations

02	2 stations
⋮	⋮
10	10 stations

OUT port size

Symbol	Port size	Series		
		10	20	30
M5	M5	○	○	—
01	1/8 (6A)	—	○	○
02	1/4 (8A)	—	—	○

Note) IN port sizes are as follows.
10: 1/8 (6A)
20: 1/4 (8A)
30: 3/8 (10A)

How to Order Manifold Assembly

Enter the mounting valve and option part numbers under the manifold base part number.

<Ordering example>
 VV2DW2-0501 (-Q) 1 set Manifold part no.
 *VDW23-5G-2 (-Q) 5 sets Valve part no. (Stations 1 to 5)

"*" is the symbol for assembly. Add an "*" in front of the part numbers to have solenoid valves, etc. mounted on manifold.

Enter together in order, counting from station 1 on the D side.

How to Order Valves (For Manifold)

VDW 2 3 - 5 G - 2

Series

1	10
2	20
3	30

Valve type

3	N.C. for manifold
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CE-compliant

Nil	—
Q	CE-compliant

Material and insulation type

Symbol	Body material	Seal material	Coil insulation
Nil	Brass (C37)	NBR	Class B
A		FKM	
B		EPDM	
G	Stainless steel	NBR	
H		FKM	
J		EPDM	
L (Note)		FKM	

Note) The armature assembly is a corrosion resistant construction.

Orifice diameter

Symbol	Orifice diameter (mmø)	Series
1	1	10
2	1.6	
3	3.2	
2	2	20
3	2.3	
3	3	30
4	3.2	
2	2	
3	3	
4	4	

Voltage

Symbol	Voltage	Grommet / Tape winding (G)	Flat terminal, Molded (F)	Grommet / Molded (W)
1	100 VAC (50/60 Hz)	●	—	●
2	200 VAC (50/60 Hz)	●	—	●
3	110 VAC (50/60 Hz)	●	—	●
4	220 VAC (50/60 Hz)	●	—	●
5	24 VDC	●	●	●
6	12 VDC	●	●	●
V	6 VDC	●	●	●
S	5 VDC	●	●	●
R	3 VDC	●	●	●

* Please consult with SMC regarding other voltages.

Coil type (Note)

G	Grommet / Tape winding
F	Flat terminal / Molded
W	Grommet / Molded

Note) About series and coil type combinations, refer to page 473.

Manifold Options

Blanking plate assembly

- 10, 20 series

VVDW 2 0 - 3A

Series

1	10
2	20

Material

Symbol	Plate material	Seal material
G		NBR
H	Stainless steel	FKM
J		EPDM

* Plate material is stainless steel only.

• 30 series

VVCW20 - 3A

The production was discontinued.

Symbol	Plate material	Seal material
G		NBR
H	Stainless steel	FKM
J		EPDM