How to Order (Solenoid Valve for Manifold)

VX2 [A] 4 [A] [A]

Fluid

4	Medium vacuum

Coil size/Valve type

Size	Symbol	Valve type
Size 1	A	N.C.
	D	N.O.
Size 2	B	N.C.
	E	N.O.
Size 3	C	N.C.
	F	N.O.

Body material/Orifice diameter

Symbol	Body material	Orifice diameter
A	Resin	2
B		3
C		5
A	Resin	4
B		7
A	Resin	5
B		7

Common Specifications

Seal material	FKM
Coil insulation type	Class B
Oil-free	
Non-leak	

Voltage/Electrical entry

Symbol	Voltage	Electrical entry
A	24 VDC	Grommet
B	100 VAC	Grommet (With surge voltage suppressor)
C	110 VAC	
D	200 VAC	
E	230 VAC	
F	24 VDC	
G	24 VDC	DIN terminal (With surge voltage suppressor)
H	100 VAC	
J	110 VAC	
K	200 VAC	
L	230 VAC	
M	24 VDC	Conduit terminal (With surge voltage suppressor)
N	100 VAC	
P	110 VAC	
Q	200 VAC	
R	230 VAC	
S	24 VDC	Conduit (With surge voltage suppressor)
T	100 VAC	
U	110 VAC	
V	200 VAC	
W	230 VAC	
Y	24 VDC	Flat terminal
Z	Other voltages	

For special options, refer to pages 21 to 23.

Special voltage	24 VAC
	48 VAC
	220 VAC
	240 VAC
	12 VDC
DIN terminal with light	
Conduit terminal with light	
Without DIN connector	
Seal material: EPDM	
Special electrical entry direction	

⚠ Caution
Mounting orientation exists when mounting valves onto manifold base. Refer to page 48 for details.

Manifold Base/How to Order

VVX2 [1] 4 [A] [02] [ ]

Fluid

4	Medium vacuum

Coil size

Size	Symbol
Size 1	1
Size 2	2
Size 3	3

Base material /Port size/Base type

Symbol	Base material	Individual port size	Base type
A	Aluminum	1/8	Individual SUP
B		1/4	

Common port size: 3/8 (OUT port)

Stations

Symbol	Stations
02	2 stations
03	3 stations
04	4 stations
05	5 stations
06	6 stations
07	7 stations
08	8 stations
09	9 stations
10	10 stations

Symbol	Special thread
Nil	Rc
A	G
B	NPT

Blanking Plate Assembly Part No.

For size 1 VVX021S-4A-F
For size 2 VVX022S-4A-F
For size 3 VVX023S-4A-F

Dimensions → Page 35

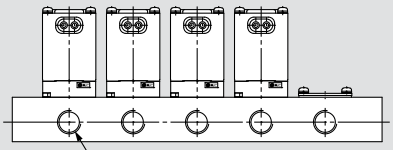
How to Order Manifold Assembly (Example)

Enter the valve and blanking plate to be mounted under the manifold base part number.

<Example>

VVX214B05……....1
∗VX2A4AA ……4
∗VVX021S-4A-F ……1
"∗" is the symbol for mounting.
Add an "∗" in front of the part numbers for solenoid valves etc. to be mounted.

D side — Stations 1 — 2 — 3 — 4 — 5 — U side



Enter the product's part number in order, counting the 1st station from the D side (left in the manifold arrangement, when viewing the individual port in front).

Refer to pages 21 to 23 for electrical options, other options, and bracket/electrical entry direction.

For Water

VX212 Valve type: N.C.

Size, Valve type, Fluid	Body material	Voltage, Electrical entry, Electrical options	Other options	With bracket
VX212	A	A	Nil	Nil
	B	B	A	XB
	C	C	B	
	D	D	C	
	E	E	D	
	F	F	E	
	H	M	F	
	J	N	G	
	K	P	H	
	L	Q	K	
	M	R	L	
	N	S	Z	
		T		
		U		
		V		
		W		
		Y		
		Z1A		
		Z1B		
		Z1C		
		Z1U		
		Z1D		
		Z1E		
		Z1K		
		Z1L		
		Z1M		
		Z1W		
		Z1N		
		Z1P		
		Z1Q		
		Z1R		
		Z1Y		
		Z1S		
		Z1T		
		Z2K		
		Z2L		
		Z2M		
		Z2N		
		Z2P		
		Z2Q		
		Z2R		
		Z2S		
		Z2W		
		Z2T		
		Z3A		
		Z3B		
		Z3C		
		Z3D		
		Z3E		
		Z3F		
		Z3G		
		Z3H		
		Z3V		
		Z3J		

VX222 Valve type: N.C.

Size, Valve type, Fluid	Body material	Voltage, Electrical entry, Electrical options	Other options	With bracket
VX222	A	A	Nil	Nil
	B	B	A	XB
	D	C	B	
	E	D	C	
	H	E	D	
	J	F	E	
	L	M	F	
	M	N	G	
		P	H	
		Q	K	
		R	L	
		S	Z	
		T		
		U		
		V		
		W		
		Y		
		Z1A		
		Z1B		
		Z1C		
		Z1U		
		Z1D		
		Z1E		
		Z1K		
		Z1L		
		Z1M		
		Z1W		
		Z1N		
		Z1P		
		Z1Q		
		Z1R		
		Z1Y		
		Z1S		
		Z1T		
		Z2K		
		Z2L		
		Z2M		
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		Z2W		
		Z2T		
		Z3A		
		Z3B		
		Z3C		
		Z3D		
		Z3E		
		Z3F		
		Z3G		
		Z3H		
		Z3V		
		Z3J		

VX232 Valve type: N.C.

Size, Valve type, Fluid	Body material	Voltage, Electrical entry, Electrical options	Other options	With bracket
VX232	A	A	Nil	Nil
	B	B	A	XB
	C	C	B	
	D	D	C	
	E	E	D	
	F	F	E	
	G	M	F	
	H	N	G	
	J	P	H	
	K	Q	K	
	L	R	L	
	M	S	Z	
	N	T		
	P	U		
		V		
		W		
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