

Energy Saving Type 2 Port Solenoid Valve

For Air/Water/Oil



*Power
consumption*
(SMC comparison)

1/3



New generation valve corresponding to energy-saving needs

• **IP65** • **RoHS** compliance

Series VXE

SMC
CAT.ES70-36A

How to Order (Solenoid Valve for Manifold)

DC VXE 21 2 1 - 00 - 5 G 1

Model
Refer to Table (1) shown below for availability.

Orifice diameter
Refer to Table (1) shown below for availability.

Valve/Body configuration
1 N.C. (for Manifold)

Solenoid valve option
Refer to Table (2) shown below for availability.

Suffix

Nil	—
Z	Oil-free

Select Nil because the solenoid valve V, R options are oil-free treatment.

Rated voltage

5	24 VDC
6	12 VDC

* Refer to Table (3) shown below for availability.



Refer to page 43 for ordering coil only.

Electrical entry

G-Grommet 	C-Conduit
T - With conduit terminal TL - With conduit terminal and light	D - DIN terminal DL - DIN terminal with light DO - For DIN terminal (without connector, with gasket)

* Refer to Table (3) for available combinations between electrical option (L) and rated voltage.

How to Order Manifold Bases

VVX21 VVX22 VVX23 1 - 07 - 1

Port size (Individual port)

1	Rc1/8
2	Rc1/4

* Common port sizes are all Rc3/8.

Thread type

Nil	Rc
T	NPTF
F	G
N	NPT

Number of manifolds

02	2 stations
...	...
10	10 stations

Suffix

Nil	—
Z	Oil-free

Base type

Nil	Common SUP
V	Individual SUP

Blanking plate part no.

For VXE21: VX011-001
For VXE22/23: VX011-006

Seal material

Nil	NBR
F	FKM

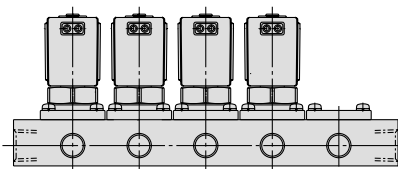
How to Order Manifold Assemblies (Example)

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

Example

VVX211-05-1 1 set “*” is the symbol for mounting.
* VXE2111-00-1G1 ... 4 sets Add an “*” in front of the part numbers
* VX011-001 1 set for solenoid valves, etc. to be mounted.

①-----②-----③-----④-----⑤-----⑥



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

Table (1) Model/Orifice Diameter

Solenoid valve model	Orifice symbol (diameter)			
	1 (2 mmø)	2 (3 mmø)	3 (4.5 mmø)	4 (6 mmø)
VXE21	●	●	●	—
VXE22	—	●	●	●
VXE23	—	●	●	●

Table (2) Solenoid Valve Option

Option symbol	Body/Base material	Seal material	Note
Nil	Aluminum	NBR	—
V		FKM	Non-leak/Medium vacuum/Oil-free
R			Non-leak/Copper-free/Oil-free ^{Note)}

Note) The nuts (non-wetted parts) are nickel plated on the C37 material.

Table (3) Rated Voltage – Electrical Option

Rated voltage		L (With light)
Voltage symbol	Voltage	
5	24 VDC	●
6	12 VDC	—

Dimensions → P. 19 (Manifold)