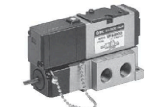


5 Port Pilot Operated Solenoid Valve Metal Seal, Plug-in/Non Plug-in **VFS2000 Series**



How to Order



With attachment plug lead wire



With terminal block

Plug-in

Non plug-in



Symbol

1 2 position single (A4, 2B) (R1)(P1)(R2)

2 2 position double (A4, 2B) (R1)(P1)(R2)

3 3 position closed center (A4, 2B) (R1)(P1)(R2)

4 3 position exhaust center (A4, 2B) (R1)(P1)(R2)

5 3 position pressure center (A4, 2B) (R1)(P1)(R2)

6 3 position double check (A4, 2B) (R1)(P1)(R2)

Porting specifications

Nil	Side ported
B*	Bottom ported

* Semi-standard

Option

Nil	None
Z	With light/surge voltage suppressor

Body type

O: Plug-in type sub-plate

Electrical entry

F: Plug-in type

Port size

Nil	Without sub-plate
01	1/8 Plug-in type conduit terminal (With terminal block) Standard type
02	1/4 Plug-in type conduit terminal (With terminal block) Standard type
Note) PO1	1/8 Plug-in type grommet (With attachment plug lead wire) Compact type
Note) PO2	1/4 Plug-in type grommet (With attachment plug lead wire) Compact type

Thread type

Nil	Rc
N*	NPT
T*	NPTF
F*	G

* Semi-standard

Note) Please note Cv factor and piping port location of compact sub-plate is different from standard. Refer to page 938 for details.

Plug-in VFS2 2 00 [] - 5 F [] [] - [] [] - [] [] - [] [] - [] [] - [] [] - [] []

Non plug-in VFS2 2 10 [] - 1 E [] [] - [] [] - [] [] - [] [] - [] [] - [] [] - [] []

Body type

1: Non plug-in type sub-plate

Pilot type

Nil	Internal pilot
R*	External pilot

* Semi-standard: External pilot can be mounted on only the sub-plate or manifold for the external pilot.

Coil rated voltage

1	100 VAC, 50/60 Hz
2	200 VAC, 50/60 Hz
3*	110 to 120 VAC, 50/60 Hz
4*	220 VAC, 50/60 Hz
5	24 VDC
6*	12 VDC
7*	240 VAC, 50/60 Hz

* Semi-standard
For other rated voltages, please consult with SMC.

Pilot valve manual override

Nil: Non-locking push type (Flush)

B*: Locking type (Tool required)

A*: Non-locking push type (Extended)

C*: Locking type (Lever)

* Semi-standard

Option

Nil	None
Z	With light/surge voltage suppressor
S*	With surge voltage suppressor

* Grommet type is available only w/ surge voltage suppressor, not w/ indicator light.

CE-compliant

Nil	—
Q	CE-compliant

Port size

Nil	Without sub-plate
01	1/8 Non plug-in type, Standard type
02	1/4 Non plug-in type, Standard type
Note) S01	1/8 Non plug-in type, Compact type
Note) S02	1/4 Non plug-in type, Compact type

Note) Please note Cv factor and piping port location of compact sub-plate is different from standard. Refer to page 938 for details.

Electrical entry

G: Grommet

E: Grommet terminal

T: Conduit terminal

D, Y: DIN terminal without connector

DO, YO: DIN terminal without connector

How to Order Pilot Valve Assembly

SF4 - 1 DZ [] - 20

Coil rated voltage

1	100 VAC, 50/60 Hz
2	200 VAC, 50/60 Hz
3*	110 to 120 VAC (50/60 Hz)
4*	220 VAC, 50/60 Hz
5	24 VDC
6*	12 VDC
7*	240 VAC, 50/60 Hz

* Semi-standard
For other rated voltages, please consult with SMC.

Electrical entry, Light/Surge voltage suppressor

F	Plug-in	Plug-in
G	Grommet	Non plug-in
GS	Grommet with surge voltage suppressor	
D	DIN terminal	
DZ	DIN terminal with light/surge voltage suppressor	
DO	DIN terminal*	
DOZ	DIN terminal with light/surge voltage suppressor*	
Y	DIN terminal	
YZ	DIN terminal with light/surge voltage suppressor	

Manual override

YO	DIN terminal*	Non plug-in
YOZ	DIN terminal with light/surge voltage suppressor*	
T	Conduit terminal	
Z	Conduit terminal with light/surge voltage suppressor	
E	Grommet terminal	
EZ	Grommet terminal with light/surge voltage suppressor	

* DIN connector is not attached.
** Refer to page 1009 for voltage conversion.
*** Y: Conforming to DIN43650B standard

Manual override

Nil	Non-locking push type (Flush)
A*	Non-locking push type (Extended)
B*	Locking type (Tool required)
C*	Locking type (Lever)

* Semi-standard

- SV
- SYJ
- SZ
- VF
- VP4
- VQ 1/2
- VQ 4/5
- VQC 1/2
- VQC 4/5
- VQZ
- SQ
- VFS
- VFR
- VQ7

