

5 Port Pilot Operated Solenoid Valve Rubber Seal, Plug-in/Non Plug-in **VFR2000 Series**

Note) Electrical entry and light/surge voltage suppressor: D/DZ/DO/DOZ, Y/YZ/YO/YOZ, F, FZ only.



How to Order



Plug-in



Non plug-in

Electrical entry

F: Plug-in type

CE-compliant

Option

None

Z With light/surge voltage suppressor

Piping (P, A, B, EA, EB port)

NII Side ported

B* Bottom ported

* Semi-standard

Port size (P, A, B port)

NII Without sub-plate

01 1/8

02 1/4

EA, EB port: Rc 1/8

Thread type

NII Rc

F G

N NPT

T NPTF

Symbol

2 position single (A)4 2(B) (EA)5 1 3(EB) (P)

2 position double (A)4 2(B) (EA)5 1 3(EB) (P)

3 position closed center (A)4 2(B) (EA)5 1 3(EB) (P)

3 position exhaust center (A)4 2(B) (EA)5 1 3(EB) (P)

3 position pressure center (A)4 2(B) (EA)5 1 3(EB) (P)

Pilot type

NII Internal pilot

R External pilot

External pilot is available only on sub-plate type.

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 (Note)

For other rated voltages, please consult with SMC.

Note) L and M plug connectors: Max. 220 VAC

Pilot valve manual override

NII: Non-locking push type

A*: Non-locking push type A (Extended)

B*: Locking type B (Tool required)

C*: Locking type C (Lever)

* Semi-standard

Option

None

Z With light/surge voltage suppressor

S* With surge voltage suppressor

* Indicator light is not available for grommet type.

With surge voltage suppressor is available for grommet type only.

Electrical entry

G: Grommet

E: Grommet terminal

T: Conduit terminal

D, Y: DIN terminal

DO, YO: DIN terminal without connector

L: L plug connector

M: M plug connector

CE-compliant

SV

SYJ

SZ

VF

VP4

VQ 1/2

VQ 4/5

VQC 1/2

VQC 4/5

VQZ

SQ

VFS

VFR

VQ7

How to Order Pilot Valve Assembly

SF4-1 DZ -60 -

Manual override

NII Non-locking push type

A Non-locking push type A (Extended)

B Locking type B (Tool required)

C Locking type C (Lever)

CE-compliant

NII

Q CE-compliant (Note)

Note) Electrical entry and light/surge voltage suppressor: D/DZ/DO/DOZ, Y/YZ/YO/YOZ, F only

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Note) L and M plug connectors: Max. 220 VAC

Electrical entry, Light/Surge voltage suppressor

Symbol	Electrical entry	Indicator light	With surge voltage suppressor	Body type	CE-compliant
F	Plug-in	—	—	Plug-in type	●
G	Grommet	—	—	—	—
GS	Grommet	—	—	—	—
DZ	DIN terminal	With connector	—	—	●
DO	DIN terminal	Without connector	—	—	●
DOZ	DIN terminal	With connector	—	—	●
YO	DIN terminal	Without connector	—	—	●
YOZ	DIN terminal	With connector	—	—	●

Symbol

Electrical entry

Indicator light

With surge voltage suppressor

Body type

CE-compliant