## **Pilot Operated 5 Port Solenoid Valve**

## Series VF1000/3000/5000

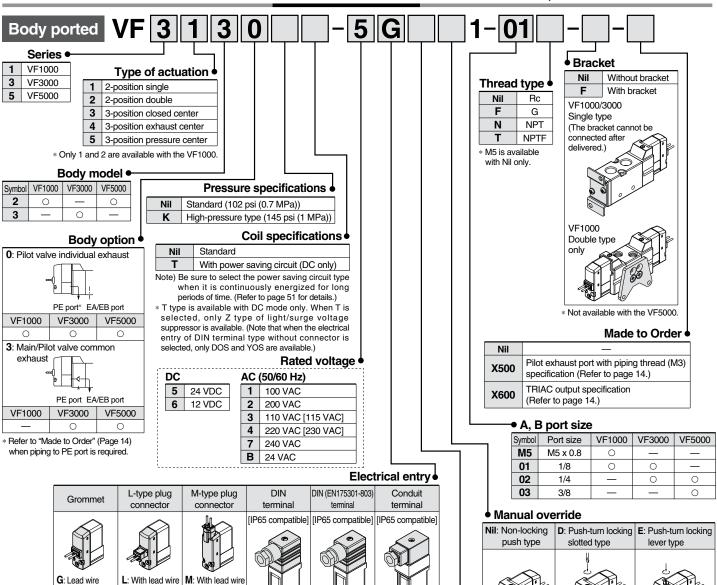
**Body Ported** 

**How to Order Valve** 

Single Unit

terminal types are available with AC mode. Refer to the electrical entry for details





Light/Surge voltage suppressor Without lead wire Without lead wire G: Lead wire length 300 mm

T: Conduit terminal

Y: With connector

YO:

Without connector

D: With connector

DO:

Without connector

DC AC Without light/surge voltage suppressor s With surge voltage suppressor Z With light/surge voltage suppressor 0 With surge voltage suppressor (Non-polar) With light/surge voltage suppressor (Non-polar)

Note) S type is not available with AC mode, since a rectifier prevents surge voltage generation.

Light/Surge voltage suppressor

\* In the DIN terminal type, since a light is installed in the connector, DOZ, DOU, YOZ, YOU are not available.

#### \* LN and MN types are with 2 sockets.

DC

CF compliant AC Note 2 G: Lead wire length 300 mm

H: Lead wire length 600 mm

H: Lead wire

length 600 mm

Without light/

surge voltage

suppressor

(€

\* Refer to page 49 when different length of lead wire for L/M-type plug connector is required.

(length 300 mm) | (length 300 mm)

MN:

MO

Without connector

(€

\* Refer to page 50 for details on the DIN (EN175301-803) terminal.

LN:

I O

Without connector

(€

Note 1) When using IP65, select the main/pilot valve common exhaust type. (Except VF1000)

Note 2) With the same specifications as the DC type, all electrical entries for the 24 VAC type are CE marking compliant.



### ∕!∖ Caution

When using the surge voltage suppressor type, residual voltage will remain. Refer to page 51 for details.

# Series VF1000/3000/5000 Made to Order

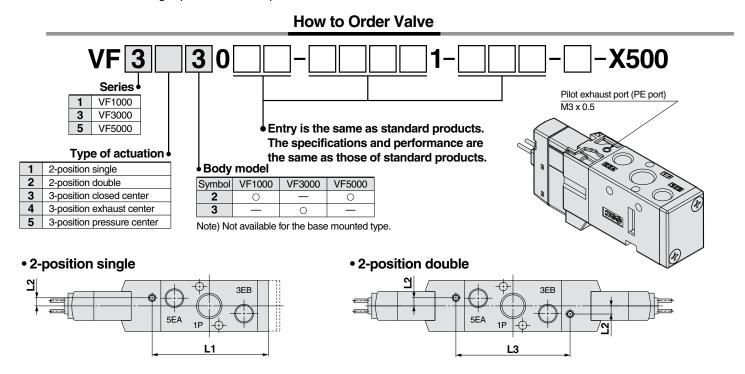


Please contact SMC for detailed dimensions, specifications, and lead times.

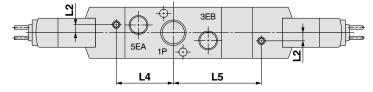
## 1 Body Ported Pilot Exhaust Port with Piping Thread (M3) Specification

In this specification, piping to the pilot exhaust port (PE port) is available when the valve is used in an environment where the exhaust from the pilot valve is not allowable, or intrusion of ambient dust should be prevented.

Combination with low wattage specification is not possible.



### 3-position closed center/exhaust center/pressure center



Series	L1	L2	L3	L4	L5
VF1000	34.5	4.2	33.4	_	_
VF3000	60	4.2	59	29.5	45.5
VF5000	95	3.45	89	44.5	63.5

### **2** TRIAC Output Specification

For AC type valve, use this specification when the pilot valve is not recovered even though valve power supply is turned OFF at the equipment using output unit with large leakage voltage over 8% of the rated voltage (TRIAC output such as PLC or SSR, etc.). Combination with low wattage specification is not possible.

