۷K

**VFR** 

VP4

**VZS** 

**VFS** 

VS4

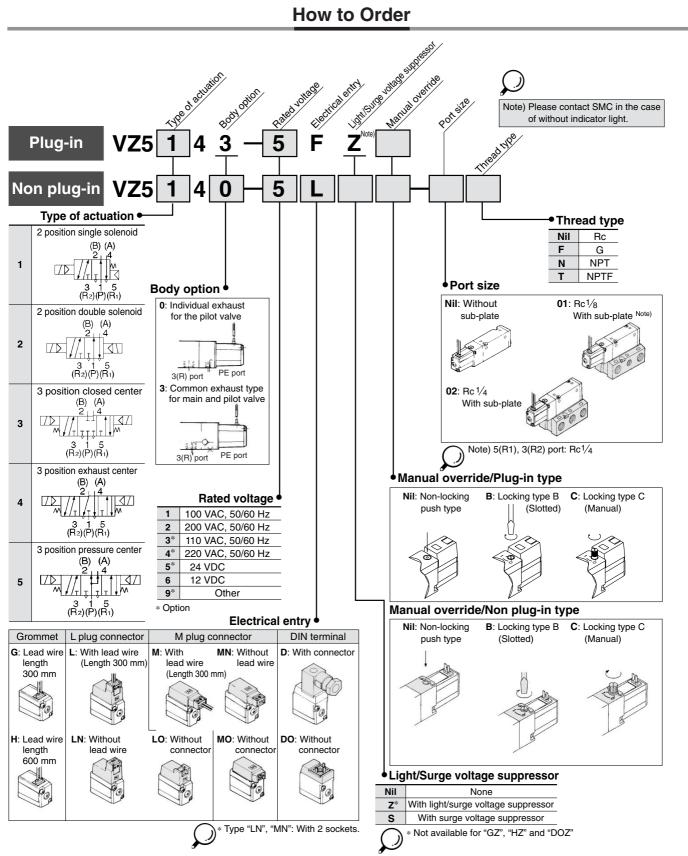
VQ7

**EVS** 

VFN

# **5 Port Solenoid Valve Base Mounted**

# Series VZ5000



## Series VZ5000

Applicable for cylinder actuation (up to ø50).

**Compact size** (Width: 18 mm)

Low power consumption: 1.8 W DC



#### **Specifications**

	Air	
2 position single 0.15 to 0.7		
2 position double	0.1 to 0.7	
3 position	0.15 to 0.7	
mperature (°C)	-10 to 50°C (No freezing. Refer to page 3-13-4.)	
2 position single, double	20 or less	
3 position	50 or less	
2 position single, double	10	
3 position	3	
	Refer to the table below.	
	Non-locking push type, Locking slotted type, Locking lever type	
	Individual pilot exhaust, Common exhaust (pilot and main valve) Common exhaust port for the pilot and main valve	
	Not required	
	Unrestricted	
sistance (m/s²)(3)	300/50	
	Dustproof	
	2 position double 3 position nperature (°C) 2 position single, double 3 position 2 position single, double 3 position	



Note 1) Based on dynamic performance test, JIS B 8374-1981. (Coil temperature: 20°C, at rated voltage, without surge suppressor)

Note 2) When operating the locking type manually, apply torque of 0.2 N·m or less. Note 3) Impact resistance: No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states every once for each condition. (Values at the initial period)

Vibration resistance: No malfunction occurred in a one-sweep test between 45 and 2000 Hz. Test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature. (Values at the initial period)





### **Solenoid Specifications**

		Grommet (G)/(H), L plug connector (L), M plug connector (M), DIN terminal (D)
AC	50/60 Hz	100, 200, 24*, 48*, 110*, 220*
	DC	24, 6*, 12*, 48*
Allowable voltage fluctuation (%)		-15 to +10% of rated voltage
DC		1.8 (With indicator light 2.1)
	DC	[24 VDC: 75 (With indicator light 87.5)]
40	Inrush	4.5/50 Hz, 4.2/60 Hz 100 VAC: 45/50 Hz, 42/60 Hz 200 VAC: 22.5/50 Hz, 21/60 Hz
AC	Holding	3.5/50 Hz, 3/60 Hz 100 VAC: 35/50 Hz, 30/60 Hz 200 VAC: 17.5/50 Hz, 15/60 Hz
Surge voltage suppressor		DC: Diode, AC: ZNR (2)
		DC: LED (Red), AC: Neon bulb
		DC Inrush



Note 1) At rated voltage Note 2) Plug-in should be ZNR