

## VF,VZ SERIES SOLENOID VALVE



VF3130



VF3230



VF5120

### Ordering Code

**VF3 - 1 - 30 - W - AC220V**

Series Code

**VF3** Series  
**VF5** Series  
**VZ5** Series

Coil and Places

**1:** Single-head Double-position  
**2:** Double-head Double-position  
**3:** Double-head Three-position Close Type  
**4:** Double-head Three-position Exhaust Type  
**5:** Double-head Three-position Pressure Type

Order NO.

**VF3:**30  
**VF5:**20  
**VZ5:**20

Wiring Form

**Blank:** standard Connector  
**LD:** Brown with Lighting Connector  
**LD:** White with Lighting Connector  
**W:** Lead Wire Type

Standard Voltage

**DC12V**  
**DC24V** 50Hz/60Hz  
**AC110V** 50Hz/60Hz  
**AC220V** 50Hz/60Hz  
**AC380V** 50Hz/60Hz

### Base Ordering Code

**VF3000M - □F**

Series Code

**VF3000M:**  
For VF3 Series Use  
**VF5000M:**  
For VF5 Series Use  
**VZ5000M:**  
For VZ5 Series Use

Joint Base Number

**VF3000M:** Wantonly Joint  
**VF5000M:** Wantonly Joint  
**VZ5000M:** Wantonly Joint

### Specification

| Model                         | VF3130<br>VF3230            | VF33(4/5)30                 | VF5120<br>VF5220            | VF53(4/5)50                 | VZ5120<br>VF5220            | VZ53(3/4)50                |
|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|
| Position and Way No.          | 5/2 Way                     | 5/3 Way                     | 5/2 Way                     | 5/3 Way                     | 5/2 Way                     | 5/3 Way                    |
| Effective Section Area (mm)   | 16mm <sup>2</sup> (CV=0.89) | 12mm <sup>2</sup> (CV=0.67) | 25mm <sup>2</sup> (CV=1.40) | 18mm <sup>2</sup> (CV=1.00) | 12mm <sup>2</sup> (CV=0.67) | 9mm <sup>2</sup> (CV=0.50) |
| Working Medium                | 40 Micron Filtered Air      |                             |                             |                             |                             |                            |
| Motion Pattern                | Inner Guide Type            |                             |                             |                             |                             |                            |
| Working Pressure              | 0.15~0.8MPa                 |                             |                             |                             |                             |                            |
| Max. Pressure Resistance      | 1.2MPa                      |                             |                             |                             |                             |                            |
| Ambient Temperature           | 5~50℃                       |                             |                             |                             |                             |                            |
| Voltage Range                 | ± 10%                       |                             |                             |                             |                             |                            |
| Power Consumption             | AC: 4.5VA DC: 3W            |                             |                             |                             |                             |                            |
| Insulation & Protection Class | F Class, IP65               |                             |                             |                             |                             |                            |
| Wiring Form                   | Lead Wire or Connector type |                             |                             |                             |                             |                            |
| Highest Action Frequency      | 5 Cycle / Sec               |                             |                             |                             |                             |                            |
| Shortest Excitation Time      | 0.05 Second                 |                             |                             |                             |                             |                            |