

## 4V200 SERIES SOLENOID VALVE, PNEUMATIC CONTROL VALVE



### Ordering Code

**4V - 2 - 10 - 08 - B - W - AC220V**

#### Specification Code

**4V:** 5/2(3) Way Solenoid Valve  
**4A:** 5/2(3) Way Pneumatic Control Valve  
**3V:** 3/2 Way Solenoid Valve  
**3A:** 3/2 Way Pneumatic Control Valve

#### Series Code

**200 Series**

**10:** Single-head Double-position  
**20:** Double-head Double-position  
**30C:** Double-head Three-position Close Type  
**30E:** Double-head Three-position Exhaust Type  
**30P:** Double-head Three-position Pressure Type

#### Port Size

**06:** 1/8"  
**08:** 1/4"

#### Joint Pipe Form and Initial State

**Blank:** Pipe Connection Type  
**B:** 5/2 Way Plate Connection Type  
**5/3 Way Plate Connection Type**  
**NC:** 3/2 Way Normal Close Type  
**NO:** 3/2 Way Normal Open Type

#### Wiring Form

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

#### Standard Voltage

**DC12V**  
**DC24V**  
**AC24V** 50Hz/60Hz  
**AC110V** 50Hz/60Hz  
**AC220V** 50Hz/60Hz  
**AC380V** 50Hz/60Hz

### Specification

| Model                         | 4V210-06 4V220-06                   | 4V230C-06 4V230E-06 4V230P-06       | 4V210-08 4V220-08 | 4V230C-08 4V230E-08 4V230P-08 |
|-------------------------------|-------------------------------------|-------------------------------------|-------------------|-------------------------------|
|                               | 4A210-06 4A220-06                   | 4A230C-06 4A230E-06 4A230P-06       | 4A210-08 4A220-08 | 4A230C-08 4A230E-08 4A230P-08 |
| Position and Way No.          | 5/2 Way                             | 5/3 Way                             | 5/2 Way           | 5/3 Way                       |
| Effective Section Area        | 14mm²(CV=0.78)                      | 12mm²(CV=0.67)                      | 16mm²(CV=0.89)    | 12mm²(CV=0.67)                |
| Model                         | 3V210-06 3V220-06 3A210-06 3A220-06 | 3V210-08 3V220-08 3A210-08 3A220-08 |                   |                               |
| Position and Way No.          | 3/2 Way                             |                                     |                   |                               |
| Effective Section Area (mm)   | 14mm²(CV=0.78)                      |                                     |                   |                               |
| Port Size                     | Air Inlet=Air Outlet=Exhaust=G1/8”  |                                     |                   |                               |
| 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                         |                                     |                   |                               |