

4M Series Plate Type Valve



4M210-08

4M310-10

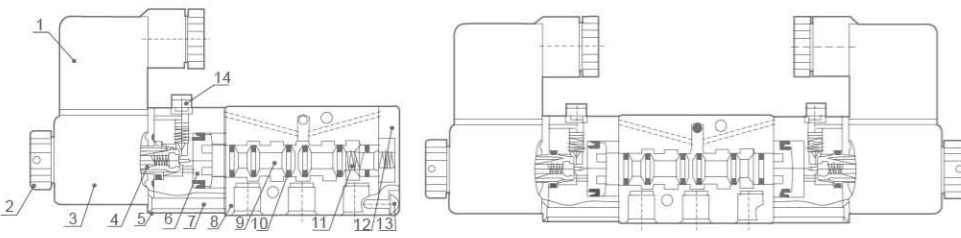
4M220-08

Ordering Code

| | | | | | |
|--|--|--|--|--|--|
| 4M | 2 | 10 | 06 | AC220V | <input type="checkbox"/> |
| Specification Code 4M:Two-position Five-way Plate Type Valve | Body Size 2:1/8" and 1/4" Valve body 3:1/4" and 3/8" Valve body | Coil and Places 10:Single-head Double-position 20:Double-head Double-position | Port Size 06:G1/8" 08:G1/4" 10:G3/8" | Standard Voltage DC12V DC24V AC24V 50Hz/60Hz AC110V 50Hz/60Hz AC220V 50Hz/60Hz AC380V 50Hz/60Hz | Wiring Form Blank:Standard Connector LD:Brown With Lighting Connector LD1:White With Lighting Connector W:Lead Wire Type |



Internal structure



| No | Designation | No | Designation |
|----|-------------|----|-----------------|
| 1 | Connector | 8 | Valve body |
| 2 | Nut | 9 | Spool |
| 3 | Coil | 10 | O-Ring |
| 4 | Pilot unit | 11 | Spring |
| 5 | Plate | 12 | Rear cover |
| 6 | Piston | 13 | Screw |
| 7 | Screw | 14 | Manual override |

Specification

| Model | 4M210-06 | 4M220-06 | 4M210-08 | 4M220-08 | 4M310-08 | 4M320-08 | 4M310-10 | 4M320-10 |
|-------------------------------|--|----------|------------------------------|----------|-----------------------------|----------|------------------------------|----------|
| Working Medium | 40 Micron Filtered Air | | | | | | | |
| Motion Pattern | Inner Guide Type | | | | | | | |
| Position and Way NO. | Two-position Five-way | | | | | | | |
| Effective Section Area | 14mm ² (CV=0.78) | | 16mm ² (CV=0.89) | | 25mm ² (CV=1.39) | | 30mm ² (CV=1.67) | |
| Port Size | Air Inlet=Exhaust=G1/8" | | Air Inlet=G1/4"Exhaust=G1/8" | | Air Inlet=Exhaust=G1/4" | | Air Inlet=G3/8"Exhaust=G1/4" | |
| Lubricate | Not Necessary | | | | | | | |
| Working-Pressure | 0.15~0.8MPa | | | | | | | |
| Max.Pressure Resistance | 1.2MPa | | | | | | | |
| Operating Temperature | 5~60℃ | | | | | | | |
| Voltage Range | -15%~+10% | | | | | | | |
| Power Consumption | AC380V:2.5VA,AC220V:2.0VA,AC110V:2.5VA,AC24V:3.5VA,DC24V:3.0W,DC12V:2.5W | | | | | | | |
| 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 | | | | | | | |

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Overall Dimensions

