4V, 3V Series Solenoid Valve, 4A, 3A Series Pneumatic Control Valve

- Except the existing colours, now we have launched black valve body with laser printing model number.
- Other colours of body can be produced if ordered quantity meets our required.

Product instruction
This solenoid valve is our new developed product. All the installation dimension is the same as 3V, 4V series, and the valve spindle material is still aluminum, but we changed the material outside valve spindle into POM (polyformaldehyde). Then it will be not only the sealing that operate separately, which will bring the new product two advantages:

If you need this new product, please add the word "new" (abbreviation "N") after the ordering code, for example: 4V210-30-N.

1. High dust prevention, air-proof
2. One or twice lifetime than normals
   - Spool: material aluminum 6061
   - O-ring: material NBR
   - White case: Material POM

**4V Series Internal structure**

- **4V110-410**
- **4V120-420**
- **4V130-430**

**4A Series Internal structure**

- **4A110-410**
- **4A120-420**
- **4A130-430**

**3V Series Internal structure**

- **3V110-410**
- **3V120-420**

**3A Series Internal structure**

- **3A110-410**
- **3A120-420**

**NO** | **Designation**
---|---
1 | Air control cover
2 | Piston
3 | Screw
4 | Valve body
5 | Spool
6 | O-Ring
7 | Spring
8 | Rear cover
9 | Back seat
10 | Spring seat
11 | O-type buckle

**NO** | **Designation**
---|---
1 | Wrench
2 | Pin
3 | Spring
4 | O-Ring
5 | Body
6 | O-Ring
7 | Spool
8 | O-Ring
9 | Body
10 | Spring
11 | Seal
12 | End Cap
13 | Screw
14 | Wearing
15 | Piston
16 | Screw
17 | Pin
18 | Spring Seat
19 | Spring
20 | Plate Cover
21 | Spring Seat

**NO** | **Designation**
---|---
1 | Air control cover
2 | Piston
3 | Screw
4 | Valve body
5 | Spring
6 | O-Ring
7 | Spring
8 | Rear cover
### 4V, 3V100 Series Solenoid Valve, 4A, 3A100 Series Pneumatic Control Valve

#### Ordering Code

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#### Specification Code

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#### Specification

**Model**

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<tr>
<td>10 mm (CV=0.56)</td>
<td>7 mm (CV=0.40)</td>
<td>12 mm (CV=0.67)</td>
<td>8 mm (CV=0.45)</td>
<td>Air</td>
<td>Air</td>
<td>0.3 MPa</td>
<td>0-60°C</td>
<td>2 MPa</td>
<td>AC-60V, DC-2.5W</td>
<td>F Class VI65</td>
<td>Lead Wire or Connector type</td>
<td>3 L/min (30 mm)</td>
<td>3 L/min (30 mm)</td>
<td>3 L/min (30 mm)</td>
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#### Overall Dimensions

- **4V110-M5**
- **4V120-M5**
- **3V110C-M5**
- **3V110-M5**
- **4V110-M5**
- **4V120-M5**
- **3V110C-M5**
- **3V110-M5**

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Note: The image contains diagrams and detailed specifications for the solenoid valves, including port configurations, coil specifications, and operational details. The text provides a concise overview of the models and their technical specifications, suitable for use in pneumatic systems.