The Series PV three-way normally closed electro-pneumatic solenoid pilot valve effectively regulates supply pressures for the Series SAV Angle Seat Valve. The DIN connector is reversible 180 degrees to keep electrical wiring hassle-free, while the direct mounting banjo connection simplifies valve installation. Select the proper model according to the SAV valve actuator diameter and power requirements.

**SPECIFICATIONS**

- **Pilot media:** Air, water, or inert gases.
- **Power Requirements:** See Model Chart.
- **Wetted Materials:**
  - **Body:** Niploy coated brass.
  - **Seal:** FKM.
- **Maximum Supply Pressure:** 150 psig.
- **Temperature Limits:** 14 to 140°F (-10 to 60°C).
- **Actuator Connection:** PV1_: 1/8˝ BSP; PV2_, PV3_: 1/4˝ BSP
- **Pilot Media Connection:** 1/8˝ NPT.
- **Coil Consumption:**
  - PV1_, PV2_: AC: 9A (res.), 14A (ind.); DC: 6A.
  - PV3_: AC: 15A (res.), 30A (ind.); DC: 10A.
- **Mounting:** Banjo connection.
- **Enclosure Rating:** IP65 (with DIN connector).
- **Standard Features:** Manual override, DIN connector.

**INSTRUCTIONS FOR ELECTRICAL PLUG**

1. Place your 18 gauge SVT or equal wire into #7, 6, 5, and 4, in that order.
2. Terminate your wire into the cable fixing screws #3 and the other pole screw termination.
3. The ground or earth termination lies in-between #3 and the other termination screw.
4. Reassemble the connector. The valve can now be directly mounted (banjo connection) onto the actuator.

**INFORMATION FOR ELECTRICAL PLUG (see diagram below)**

1. Gasket
2. Terminal Block
3. Cable Fixing Screws
4. Housing
5. Grommet
6. Washer
7. Gland Nut
8. Fixing Screw

**MAINTENANCE**

Upon final installation of the Series PV Solenoid Pilot Valve, no routine maintenance is required. A periodic check of the system calibration is recommended. The Series PV is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return goods authorization number before shipping.

**MODEL CHART AND DIMENSIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>SAV Actuator Diameter</th>
<th>A in. (mm)</th>
<th>B in. (mm)</th>
<th>C in. (mm)</th>
<th>Weight lbs. (kg)</th>
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<tbody>
<tr>
<td>PV11</td>
<td>240VAC</td>
<td>1-3/4&quot;</td>
<td>1-1/4(31.8)</td>
<td>3-3/16(77.0)</td>
<td>1-1/16(27.0)</td>
<td>0.6 (0.27)</td>
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<td>PV12</td>
<td>120VAC</td>
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</tr>
<tr>
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<td>24VAC</td>
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<td></td>
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<tr>
<td>PV14</td>
<td>24VDC</td>
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<tr>
<td>PV21</td>
<td>240VAC</td>
<td>2-1/2&quot;</td>
<td>1-3/8(35.0)</td>
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<td>1-1/16(27.0)</td>
<td>0.6 (0.27)</td>
</tr>
<tr>
<td>PV22</td>
<td>120VAC</td>
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<td>24VAC</td>
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<td>120VAC</td>
<td>3-9/16&quot;</td>
<td>1-3/8(35.0)</td>
<td>3-3/4(95.5)</td>
<td>1-1/16(27.0)</td>
<td>0.84 (0.38)</td>
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<tr>
<td>PV34</td>
<td>24VDC</td>
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