W.E. Anderson Series 2V Pneumatic Pilot Valves are compact, combination Two-Way/Three-Way globe valves. Minimal actuator volume and short valve stroke combine to deliver quick, positive action. Ideal for use in boosting response time of diaphragm actuators or as lock-in/lock-out devices.

Suggested Specification
Pneumatic Pilot Valve shall be 2-Way/3-Way design in compact size. Body shall be precision-machined Cast Bronze suitable for air, water, gas or steam service with tight shutoff at maximum fluid operating pressures. Actuator shall be of rugged Cast Iron construction with readily accessible spring compression nuts permitting easy pneumatic range adjustment. Pneumatic Pilot Valve shall be W.E. Anderson Model No.____ configured for (2-Way, Air-To-Close) (2-Way, Air-To-Open) (3-Way) operation.

Series 2V Pneumatic Pilot Valves
Two-Way and Three-Way Valves – Air – Water – Gas – Steam Service

MODELS

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>OPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2V24140000</td>
<td>TWO WAY AIR-TO-CLOSE</td>
</tr>
<tr>
<td>2V20140000</td>
<td>TWO WAY AIR-TO-OPEN</td>
</tr>
<tr>
<td>2V22140000</td>
<td>THREE WAY</td>
</tr>
</tbody>
</table>

When used as a 3-Way pilot, ports “A” and “C” are connected when the diaphragm is inflated.

CAUTION: Use of an actuator supply gas other than air can create a hazardous environment because a small amount of gas continuously vents to atmosphere.

Series SVP Proportioning Solenoid Valve
Low Cost, Stainless Steel Construction, 0-24 VDC Input

The Series SVP is a low cost, uniquely designed solenoid valve which controls or regulates flow in proportion to a variable voltage input. While most solenoid valves simply provide on/off service, this unit adds a totally new dimension to solenoid valve performance. Reacting to a 0-24 VDC input signal, the valve opens in proportion to the voltage applied, delivering just the right amount of flow needed. Compatible with a wide range of gases and liquids, this unit provides the solution to even the most demanding applications like process control, chemical mixing, high tech manufacturing and laboratory testing. Another quality feature of this valve is its tight shutoff (NC) when de-energized.

MODELS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>ORIFICE IN. (MM)</th>
<th>C</th>
<th>MAXIMUM FLOW*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVP-1</td>
<td>0.020 (0.51)</td>
<td>0.009</td>
<td>7.4 (3.5)</td>
</tr>
<tr>
<td>SVP-2</td>
<td>0.040 (1.02)</td>
<td>0.033</td>
<td>27.5 (13)</td>
</tr>
<tr>
<td>SVP-3</td>
<td>0.055 (1.40)</td>
<td>0.055</td>
<td>45.6 (21.5)</td>
</tr>
<tr>
<td>SVP-4</td>
<td>0.063 (1.60)</td>
<td>0.066</td>
<td>53 (25)</td>
</tr>
</tbody>
</table>

*Based on 10 psig (69 kPa) inlet pressure and atmospheric exhaust.

SPECIFICATIONS
Valve Body: Compatible liquids, gases, and steam.
Line Size: 1/4”.
Body Style: 2-way or 3-way globe.
End Connections: Female NPT.
Pressure Limit: Gases and liquids: 100 psi (7.00 bar) @ 170°F (77°C), Steam: 60 psi (4.14 bar) @ 274°F (134°C).
Wetted Materials:
- Body Material: Bronze.
- Trim: Composition.
- Stuffing Box: Brass.
- Packing: Rope.

Temperature Limits:
- Gases and liquids: 170°F (77°C).
- Steam: 274°F (134°C).
- Flow Rate: Cv is 1.5 at 100% open.
- Weight: 2.6 lb (1.2 kg).
- Actuator:
  - Type: Pneumatic spring/diaphragm.
  - Control Signal: 0 to 30 psi (0 to 2.07 bar).
  - Air Connection: 1/8˝ female NPT.
  - Diaphragm: Natural rubber, cotton insert.
  - Diaphragm Support Plate, Housing, Yoke: Cast Iron.
  - Spring: Plated Steel.
  - Temperature Limit: 150°F (66°C).