Versa Products Company is excited to offer a valve option for the testing of a solenoid valve control circuits in applications where closing down or “shutting in” the system is not an option. Versa’s bypass valve allows the testing and replacement of a component within the circuit while not shutting down the main system. Versa’s solution is simple to apply, operate and accomplished in one valve. The, basic valve is a 3 position manual valve. Operation is as follows:

**Position 1.** This position is the normal position or the regular operation mode.

**Position 2.** This position places the control circuit in the test mode. In this position the bypass valve allows pressure to the circuit for testing while maintaining pressure on the actuator. With pressure to solenoid inlet and solenoid circuit outlet blocked/isolated this position allows complete testing of solenoid circuit while not shutting down the system.

**Position 3.** This position places the control system in a replace mode. Should it be determined that a component in the control circuit needs to be repaired and or replaced this position allows total isolation from pressure while still holding system pressure to actuator.

Based on Versa’s proven C-316 or V-316 series high flow valves. Actuation is available as a rotary switch or key operated. Optional position indication available.

### Description:

<table>
<thead>
<tr>
<th>Size</th>
<th>Detent</th>
<th>Key Actuator</th>
<th>Rotary Actuator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>Detent</td>
<td>CAU-430X-316-314E507-2039</td>
<td>CAU-430X-316-357E-2039</td>
</tr>
<tr>
<td></td>
<td>Detent w plunger extension</td>
<td>CAU-430X-316-314E507-9SE-2039</td>
<td>CAU-430X-316-357E-9SE-2039</td>
</tr>
<tr>
<td>1/2”</td>
<td>Detent</td>
<td>VAU-450X-316-314E507-2039</td>
<td>VAU-450X-316-357E-2039</td>
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<tr>
<td></td>
<td>Detent w plunger extension</td>
<td>VAU-450X-316-314E507-9SE-2039</td>
<td>VAU-450X-316-357E-9SE-2039</td>
</tr>
</tbody>
</table>

**Description:** ¼” Solenoid Bypass valve

- **Function:** Custom circuit, 3 position (see circuit above)
- **Actuator:** Manual, detented
- **Pressure:** 0 to 150 psi (0- 14 bar)
- **Flow:** 2.0 Cv in normal position
- **Temperature:** 5°F (-15°C) to 300°F (149°C)
- **Ports:** ¼” npt
- **Media:** Air, Inert Gas, Natural Gas & Hydraulic
- **Materials:**
  - Body: 316 stainless steel
  - Actuators: 316 stainless steel
  - Seals: FKM
- **Options:**
  - Position indicator: Suffix -9E
  - Low temp Buna: Suffix -44

**Description:** ½” Solenoid Bypass valve

- **Function:** Custom circuit, 3 position, (see circuit above)
- **Actuator:** Manual, detented
- **Pressure:** 0 to 200 psi (0- 14 bar)
- **Flow:** 5.5 Cv in normal position
- **Temperature:** 5°F (-15°C) to 300°F (149°C)
- **Ports:** ½” npt
- **Media:** Air, Inert Gas, Natural Gas & Hydraulic
- **Materials:**
  - Body: 316 stainless steel
  - Actuators: 316 stainless steel
  - Seals: FKM
- **Options:**
  - Position indicator: Suffix -9E
  - Low temp Buna: Suffix -44
ByPass Valve

CAU-430X-316-314E***-9SE-2039
Shown with key actuation and optional position indicator.

VAU-450X-316-314E***-9E-2039
Shown with key actuation and optional position indicator.

Dimensions

CAU-430X-316-314E***-9SE-2039

VAU-450X-316-314E***-9E-2039

Visit VersaSelect for the full selection