### 3 Position 4 way Solenoid Valves

#### 4V130-430C
- **Closed Center Valve**
- **Diagram:**
  - SOLENOID 1
  - VALVE POSITION: 1 0 2

#### 4V130-430E
- **Exhaust Center Valve**
- **Diagram:**
  - SOLENOID 1
  - VALVE POSITION: 1 0 2

#### 4V130-430P
- **Pressure Center Valve**
- **Diagram:**
  - SOLENOID 1
  - VALVE POSITION: 1 0 2

#### 4V130-430 C, E & P Solenoid Valves

<table>
<thead>
<tr>
<th>SOLENOID 1</th>
<th>SOLENOID 2</th>
<th>VALVE POSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>OFF</td>
<td>0</td>
</tr>
<tr>
<td>ON</td>
<td>OFF</td>
<td>1</td>
</tr>
<tr>
<td>OFF</td>
<td>ON</td>
<td>2</td>
</tr>
<tr>
<td>ON</td>
<td>ON</td>
<td>0</td>
</tr>
</tbody>
</table>

![Diagram of 3 Position 4 Way Solenoid Valves with manual override](image)
### A. Air Connections:
1. Connect supply air to Port P
2. Connect Port B to Suspension Actuator
3. Block off Port A

### B. Electrical Connections:
1. If the solenoid has a red and a black wire, Connect Positive 12VDC to RED wire and Negative to Black wire.
2. If the solenoid has two same color wires, connect Positive 12VDC to one of the two wires and Negative to the other wire.

### C. Operations:
1. When Solenoid 1 is OFF and Solenoid 2 is ON, Port P is connected to Port B. (Valve in Position 2)
2. When solenoid 1 is OFF and Solenoid 2 is OFF, All Ports are shut off. (Valve in Position 0)
3. When solenoid 1 is ON and Solenoid 2 is OFF, Port P is connected to Port A, which is Blocked. (Valve in Position 1)