Single Pressure Switches

The Series CXA Water Pump Pressure Switches have been proven reliable for controlling automatic water systems. These switches are very popular for use on water pumping systems. The set point and deadband are both easily adjustable via screws inside the cover. For ease of installation, the switches come with a 1/4˝ female NPT process connection and can be mounted in any orientation. The series CXA's simple design makes it a great switch for an installer at any skill level.

**SPECIFICATIONS**
- Service: Compatible liquids and gases.
- Wetted Materials: Silicone, steel, and SS.
- Temperature Limits: 140°F (60°C).
- Pressure Limits: See model chart.
- Enclosure Rating: General purpose.
- Repeatability: ±5% of highest set point.
- Switch Type: SPST snap action (see model chart).
- Electrical Ratings:
  - 20 A @ 120 VAC, 12 A @ 240 VAC.
  - 8.6 A @ 120 VDC, 3.1 A @ 240 VDC.
- Features:
  - Designed for electrically driven water pumps.
  - Suitable for all types of pumps: jets, submersible, reciprocating, etc.
  - Direct acting (NC) or reverse acting (NO) available depending on switch type and model number.

**Electrical Connections:** Screw terminal.

**Conduit Connection:** 7/8˝ hole for 1/2˝ conduit hub (2 places).

**Mounting Orientation:** Switch can be installed in any position.

**Setpoint Adjustment:** Internal screws.

**Weight:** 0.75 lb (0.34 kg).

**Deadband:** See model chart.

**Agency Approvals:** CE.

<table>
<thead>
<tr>
<th>Model</th>
<th>Switch Type</th>
<th>Range psi (bar)</th>
<th>Approx. Adjustable Deadband psi (bar)</th>
<th>Max. Pressure psi (bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXA-S1</td>
<td>NC</td>
<td>15-50 (1.05-3.5)</td>
<td>15-30 (1.0-2.1)</td>
<td>129 (8.9)</td>
</tr>
<tr>
<td>CXA-S2</td>
<td>NC</td>
<td>30-100 (1.69-6.9)</td>
<td>20-35 (1.4-2.4)</td>
<td>179 (12.3)</td>
</tr>
<tr>
<td>CXA-S3</td>
<td>NC</td>
<td>35-150 (2.410.3)</td>
<td>30-40 (2.1-2.8)</td>
<td>204 (14.1)</td>
</tr>
<tr>
<td>CXA-R1</td>
<td>NO</td>
<td>15-50 (1.05-3.5)</td>
<td>15-30 (1.0-2.1)</td>
<td>129 (8.9)</td>
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*Submersible models are not field adjustable. Set point must be given at time of order. To order a submersible model add a suffix -PRESET and indicate the set point desired in psi units and whether the trip point is on an increase "I" or decrease "D". Example: A2-28032-PRESET 5 psi I. (Set point must be in the set point range).