The Series CXA Water Pump Pressure Switch has been proven reliable for controlling automatic water systems. These switches are very popular for use on water well pumps and pumping systems. The set point and dead-band are both easily adjustable by screws inside the cover. For ease of installation, the switches come with a 1/4” female NPT connection process 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.

**Features/Benefits**
- The set point and deadband are both easily adjustable reducing time to install and operation.
- Mounting in any position and feature simple makes a reliable switch that can be installed by any skill level.

**Applications**
- Electric water pumps
- Water system applications
- Pumping systems
- Well pumps
- Pharmaceutical processing
- Liquid level controlling automatic water systems
- Food, dairy, beverage and pharmaceutical processing
- Sanitary pipelines
- Clean-in-Place (CIP) and Sterilize-in-Place (SIP) installations
- Process connection: 1/4” female NPT
- Mounting in any position.

**Specifications**
- Service: Suitable for 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: ±0.15% FS for ranges up to 30 psi; ±0.25% FS for ranges >30 psi.
- Zero and span shift: ±0.5 mA, non-interactive.
- Clamping Effect: Process connection: 1/4” female NPT.
- Mounting Orientation: Switch can be installed in any position.
- Set Point Adjustment: Internal screws.
- Weight: 0.75 lb (0.34 kg).

**Model Chart**

<table>
<thead>
<tr>
<th>Model</th>
<th>Switch Type</th>
<th>Range psig (bar)</th>
<th>Approx. Adjustable Deadband psig (bar)</th>
<th>Max. Pressure psig (bar)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXA-S1</td>
<td>NC</td>
<td>15 to 80 (1.0 to 5.5)</td>
<td>15 to 30 (1.0 to 2.1)</td>
<td>129 (9.2)</td>
<td>$10.25</td>
</tr>
<tr>
<td>CXA-S2</td>
<td>NC</td>
<td>30 to 100 (2.1 to 6.9)</td>
<td>20 to 35 (1.4 to 2.4)</td>
<td>179 (12.3)</td>
<td>$10.25</td>
</tr>
<tr>
<td>CXA-S3</td>
<td>NC</td>
<td>35 to 150 (2.4 to 10.3)</td>
<td>30 to 40 (2.1 to 2.8)</td>
<td>204 (14.1)</td>
<td>$10.25</td>
</tr>
<tr>
<td>CXA-R1</td>
<td>NO</td>
<td>15 to 80 (1.0 to 5.5)</td>
<td>15 to 30 (1.0 to 2.1)</td>
<td>129 (9.2)</td>
<td>$10.25</td>
</tr>
<tr>
<td>CXA-R2</td>
<td>NO</td>
<td>30 to 100 (2.1 to 6.9)</td>
<td>20 to 35 (1.4 to 2.4)</td>
<td>179 (12.3)</td>
<td>$10.25</td>
</tr>
<tr>
<td>CXA-R3</td>
<td>NO</td>
<td>35 to 150 (2.4 to 10.3)</td>
<td>30 to 40 (2.1 to 2.8)</td>
<td>204 (14.1)</td>
<td>$10.25</td>
</tr>
</tbody>
</table>

**Series 681**

**Sanitary Pressure Transmitter**

No Liquid Fill Diaphragm, Sanitary Clamp Fitting

**Specifications**
- Service: Suitable for liquids and gases.
- Wetted Parts: 316L SS.
- Accuracy: ±2.0% FS/100°F.
- Response Time: ≤ 10 ms.
- Loop Resistance: 800 Ω.
- Temperature Limits: 2.5 to 204°F (-15 to 95°C).
- Pressure Limits: 0 to 60 psi.
- Temperature Effect: Zero and span shift: ±0.20% FS (includes non-linearity, hysteresis and non-repeatability).

**Model Chart**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Overpressure</th>
<th>Sanitary Clamp Connection</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>681-02</td>
<td>0 to 1 psi</td>
<td>50 psi</td>
<td>2&quot;</td>
<td>$999.00</td>
</tr>
<tr>
<td>681-12</td>
<td>0 to 2 psi</td>
<td>100 psi</td>
<td>2&quot;</td>
<td>$999.00</td>
</tr>
<tr>
<td>681-42</td>
<td>0 to 15 psi</td>
<td>150 psi</td>
<td>2&quot;</td>
<td>$999.00</td>
</tr>
<tr>
<td>681-52</td>
<td>0 to 30 psi</td>
<td>150 psi</td>
<td>2&quot;</td>
<td>$999.00</td>
</tr>
<tr>
<td>681-62</td>
<td>0 to 60 psi</td>
<td>180 psi</td>
<td>2&quot;</td>
<td>$999.00</td>
</tr>
</tbody>
</table>

(1) Items are subject to Schedule B discounts.