ASHCROFT® SANITARY PRESSURE SWITCHES

ASHCROFT SANITARY PRESSURE SWITCH OPTION X3A

Our sanitary pressure switches were developed to meet the increasing demand for sanitary products in the food and pharmaceutical processing industries. These industries often require special product to meet their needs for cleanliness. One well accepted standard applying to pressure switches is the 3A Sanitary Administrative Council Sanitary Standard 74. Originally developed for milk processing, it requires the use of continuously welded stainless steel joints and for all parts or surfaces that come in contact with product (process) to be polished with a surface finish of 12-20 RA or better. To meet the 3A standard, we use a diaphragm seal, welded to A, B, G, or L series pressure switches. Filled with 99.5% pure food grade USP Glycerin, these switches are approved by 3A and carry the 3A emblem.

QUICK AND EASY

One added benefit of these switches is the quick connect feature of the sanitary seal. Because equipment often has to be taken apart for cleaning or quick process change, a standard Tri-Clover connection is already used extensively in Food and Pharmaceutical processing plants and will be readily accepted.

SPECIAL FEATURES

- 1.5” or 2” Tri-Clover® Connection
- A & G - Series Features Stainless Steel Enclosures
- All Welded Assembly of Wetted Parts
- 3A Approval to Sanitary Standard 74
- USP Food Grade Glycerin Fill (99.5% pure)
- Process and Ambient Temp. Limits –20 to 250°F
- 3.1 Material Traceability
### G Series Pressure Switch

**B-Series Example**

**B424S-XY6-3A-100#**

**Connection: 2.0”**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>ENCLOSURE</th>
<th>SWITCH ELEMENT</th>
<th>ACTUATOR SEAL</th>
<th>OPTIONS</th>
<th>RANGE</th>
</tr>
</thead>
</table>
| B-Series | NEMA 4 NEMA 7 Watertight and Corrosion Resistant | All Single and Dual Elements Available | S-Welded 316 St. B-Buna N V-Viton T-Teflon | Y5 3A (1.5” Sanitary Seal)  
Y6 3A (2.0” Sanitary Seal) | Vacuum to 600 psi |

### G & L-Series Example

**GPD-N4-GG-5-25-XY5-3A-100#**

**Connection: 1.5”**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>ENCLOSURE</th>
<th>ELECTRICAL</th>
<th>ACTUATOR SEAL</th>
<th>CONNECTION</th>
<th>OPTIONS</th>
<th>RANGE</th>
</tr>
</thead>
</table>
| GPA, GPD & GPS LPA, LPP, LPS Pressure Switch Only | N4 – NEMA 4 Watertight and Corrosion Resistant | All Single Dual Switch Elements Available | S-Welded 316 St. B-Buna N V-Viton T-Teflon | 25 – ¾ NPTF | Y5 3A (1.5” Sanitary Seal)  
Y6 3A (2.0” Sanitary Seal) | Vacuum to 600 psi |

### A-Series Example

**APAN41HO12LS15 30#-NSR**

**Connection: 1.5”**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>ENCLOSURE</th>
<th>SWITCH ELEMENT</th>
<th>ELECTRICAL</th>
<th>ACTUATOR</th>
<th>RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APS</td>
<td>N4</td>
<td>All</td>
<td>All</td>
<td>S15 or S20</td>
<td>–15/15# to 200#</td>
</tr>
<tr>
<td>APA</td>
<td>N7</td>
<td>All</td>
<td>All</td>
<td>S15 or S20</td>
<td>–15/15# to 200#</td>
</tr>
</tbody>
</table>