**Bourdon Tube Pressure Switches — Over-Pressure Diaphragm Controls**

### FEATURES
- Protects to 2,500 psig
- Available to 5,000 psig
- External adjustment
- Adjustable or fixed deadband
- Integral over-pressure seal
- 316 Stainless Steel protects to 2,500 psig
- Available to 5,000 psig
- External adjustment
- Adjustable operating range (psig)

### APPLICATION
For low pressure set points in a system where normal pressures may rise to 5,000 psig. An over-pressure seal protects the control beyond a predetermined pressure. When that pressure is exceeded, the diaphragm seals and no further motion is transmitted.

### OPERATING RANGES
<table>
<thead>
<tr>
<th>RANGE NO.</th>
<th>Adjustable Operating Range (psig)</th>
<th>MIN. DEADBAND (psig)</th>
<th>FIXED DEADBAND</th>
</tr>
</thead>
<tbody>
<tr>
<td>10S</td>
<td>50-600</td>
<td>50</td>
<td>25</td>
</tr>
<tr>
<td>11S</td>
<td>75-1000</td>
<td>75</td>
<td>40</td>
</tr>
<tr>
<td>12S</td>
<td>100-1500</td>
<td>100</td>
<td>50</td>
</tr>
<tr>
<td>13S</td>
<td>150-2500</td>
<td>150</td>
<td>100</td>
</tr>
</tbody>
</table>

### NOTES:
- Controls must be mounted on a panel, in a control cabinet, or have remote connection.
- DA-2 indicates slugged bourdon tube.

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**Bourdon Tube Pressure Switches — Pipe-Mounted Diaphragm Seals**

### FEATURES
- Maximum seal design pressure is 2500 psig for MSAG and MSAH, 100 psig XTBX. Seals can be field-disassembled for cleaning, or other purposes.
- Chemical corrosion or other damage to the pressure medium can be prevented by proper selection of materials for the diaphragm.
- Mercoid diaphragm seals prevent corrosive, viscous or other damaging pressure media (gas, liquid, etc.) from entering the pressure medium.

### APPLICATION
Mercoid diaphragm seals prevent corrosive, viscous or other damaging pressure media from entering the pressure medium.

### TABLES

#### OPERATING RANGES
<table>
<thead>
<tr>
<th>RANGE NO.</th>
<th>Adjustable Operating Range (psig)</th>
<th>MIN. DEADBAND (psig)</th>
<th>FIXED DEADBAND</th>
</tr>
</thead>
<tbody>
<tr>
<td>9S</td>
<td>20-300</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>8S</td>
<td>10-200</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>6S</td>
<td>5-100</td>
<td>6</td>
<td>4</td>
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<tr>
<td>4S</td>
<td>2-35</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

### CALL TO ORDER:
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- U.K. Phone (+44) (0)1494-461707
- Asia Pacific Phone 61 2 4272-2055