**Operating Pressure Data**

<table>
<thead>
<tr>
<th>Series</th>
<th>Fixed Set Point Range</th>
<th>Deadband (minimum)</th>
<th>Maximum Recommended System Pressure</th>
<th>Proof Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>105P</td>
<td>Increasing 5 to 600</td>
<td>3 or 10% *</td>
<td>1500</td>
<td>3000</td>
</tr>
<tr>
<td></td>
<td>Decreasing 2 to 540</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105P (5 wetted material)</td>
<td>Increasing 15 to 130</td>
<td>5 or 15% *</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td></td>
<td>Decreasing 10 to 110</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105P (5 wetted material)</td>
<td>Increasing 30 to 100</td>
<td>25%</td>
<td>1500</td>
<td>3000</td>
</tr>
<tr>
<td></td>
<td>Decreasing 22 to 75</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105P (5 wetted material)</td>
<td>Increasing 101 to 600</td>
<td>15%</td>
<td>1500</td>
<td>3000</td>
</tr>
<tr>
<td></td>
<td>Decreasing 76 to 510</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105PP</td>
<td>Increasing 601 to 2000</td>
<td>15%</td>
<td>3000</td>
<td>5000</td>
</tr>
<tr>
<td></td>
<td>Decreasing 511 to 1700</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All values given in psig. * Whichever is greater

**Standard Specifications**

**Deadband (Differential)**
The deadband can be selected anywhere from the minimum indicated to a maximum of 45% of the set point.

**Electrical Connection**
PVC insulated 18 AWG leads 18” long

**Pressure Connection**
1/4 NPT Male

**Temperature Range**
- Ambient: -40°F to 180°F (-40°C to +82°C)
- Media: -40°F to +300°F (-40°C to +149°C)

*Temperature limits change with O-Ring selection

**Shipping Weight**
Approximately 3 ounces

**Ordering Procedure**
- Specify set point, increasing or decreasing
- Specify deadband if pertinent and if not, specify as ‘open’
- Specify system pressure
- Specify proof pressure
- Specify media
- Insert available ‘option’ number or letter designation as required

**Example**

- Specify set point, increasing or decreasing
- Specify deadband if pertinent and if not, specify as ‘open’
- Specify system pressure
- Specify proof pressure
- Specify media
- Insert available ‘option’ number or letter designation as required
Series 105P/105PP

Envelope Dimensions

Electrical Form

FORM “C” (SPDT)

FORM “CC” (DPDT)

Basic Principles of Design

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Specifications and dimensions subject to change.