Miniature custom level switches with a sturdy, lightweight design are ideal for tanks less than four feet (1.2 m) deep. Control up to five different level points across a maximum length of 48˝ (121 cm). Stems and mounting fixtures are available in 316 SS or brass.

**Actuation Levels**

Each switching point requires one float.

- **A** = Minimum distance from actuation point to bottom of mounting.
- **B** = Minimum distance between actuation levels.
- **D** = Minimum distance from end of unit to lowest actuation point.

**Miniature Multi-Station Level Switch**

Custom, Lightweight, Low Cost, 316 SS or Buna-N Floats

**Specifications**

- **Service:** Compatible liquids.
- **Wetted Materials:** Stem, connection, and float.
- **Temperature Limits:** F1 and F2: Water, 180°F (82.2°C); Oil, -40 to 250°F (-40 to 121.1°C). All other floats: -40 to 300°F (-40 to 148.9°C).
- **Electrical Connection:** 24˝ (61 cm) free leads #22 AWG, TFE jacketed.
- **Mounting Orientation:** Vertical ±30°.

**Example**

- Models are built to your specifications . . . . Consult Factory for Pricing

**Float Dimensions**

<table>
<thead>
<tr>
<th>Float Type</th>
<th>A (in)</th>
<th>B (in)</th>
<th>D (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>1/8</td>
<td>1-3/4</td>
<td>3/4</td>
</tr>
<tr>
<td>F2</td>
<td>3/4</td>
<td>1-7/8</td>
<td>1-1/16</td>
</tr>
<tr>
<td>F3</td>
<td>3/4</td>
<td>1-13/16</td>
<td>15/16</td>
</tr>
<tr>
<td>F4</td>
<td>13/16</td>
<td>2-7/16</td>
<td>3-1/4</td>
</tr>
<tr>
<td>F5</td>
<td>9/16</td>
<td>2-7/16</td>
<td>3-1/4</td>
</tr>
<tr>
<td>F6</td>
<td>15/16</td>
<td>1-7/8</td>
<td>7/8</td>
</tr>
<tr>
<td>F7</td>
<td>13/16</td>
<td>2</td>
<td>1-1/16</td>
</tr>
<tr>
<td>F8</td>
<td>5/16</td>
<td>1-7/8</td>
<td>3/4</td>
</tr>
</tbody>
</table>

**Mounting Dimensions**

- 1/8 NPT [-125]
- 1/2 HEX [12.7] 3/4 NPT
- 1-1/16 Hex [28.97] 1 NPT
- 1-5/16 Hex [33.32] No 1 NPT
- 3/8-24 THREAD

**Switch Points**

- Put 1 to 5 for the number of switch points desired.

**Float Type**

- F1: Buna-N .45 300 (20.68)
- F2: Buna-N .60 250 (17.24)
- F3: 316SS .70 100 (6.89)
- F4: 316SS .85 150 (10.34)
- F5: 316SS 1.1 400 (27.58)
- F6: PTFE .65 1000 (68.95)
- F7: 316SS .85 275 (18.96)
- F8: 316SS 1.0 600 (41.37)

**Switch Type**

- SPST, 17A @ 120 VAC, .08A @ 240 VAC, .13A @ 120 VDC, .08A @ 240 VDC
- SPST, 8A @ 120 VAC, .4A @ 240 VAC
- NO switch is standard. For NC place an "*" after the corresponding set point distance in the model number.

**Set Point Distance**

- L5
- L4
- L3
- L2
- L1

**Overall Length**

- L0 = Maximum overall length of 48 inches (121 cm). Minimum length is L1 + D.