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.

### 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°.

### Float Dimensions

- **F1**: 7/8, 1-3/4, 3/4
- **F2**: 3/4, 1-1/16, 1-1/16
- **F3**: 3/4, 1-13/16, 15/16
- **F4**: 13/16, 2-7/16, 1-7/16
- **F5**: 9/16, 2-7/16, 1-3/4
- **F6**: 15/16, 1-7/8, 7/8, NO 1-3/16, NC 1-1/8
- **F7**: 13/16, 2, 1-7/8, 1-1/16
- **F8**: 3/4, 1-7/8, 1-1/16

### Mounting Dimensions

- **Type 1**: 1/8 NPT 1/2 HEX [12.7]
- **Type 2**: 1-1/16 Hex [26.97]
- **Type 3**: 1-5/16 Hex [33.32]
- **Type 4**: 1-1/2 HEX [38.10]
- **Type 5**: 3/8-24 THREAD
- **Type 6**: 3/8-24 THREAD

### Models

Models are built to your specifications.

### Example

<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>7/8</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>
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</tr>
<tr>
<td>F6</td>
<td>15/16</td>
<td>1-7/8</td>
<td>7/8, NO 1-3/16, NC 1-1/8</td>
</tr>
<tr>
<td>F7</td>
<td>13/16</td>
<td>2</td>
<td>1-7/8, 1-1/16</td>
</tr>
<tr>
<td>F8</td>
<td>3/4</td>
<td>1-7/8</td>
<td>1-1/16</td>
</tr>
</tbody>
</table>

**Actuation Levels**

- 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.

**Set Point Distance**

- L5 0.00
- L4 0.00
- L3 0.00
- L2 0.00
- L1 0.00

**Overall Length**

- L0 0.00 Maximum overall length of 48 inches (121 cm). Minimum length is L1 + D.