The Series L10 Flotect® Mini-Size Float Switches is a series of economical, compact liquid level floats. It is offered in brass or 303 SS bodies and external tees as well as polypropylene or 304 SS floats with 1” NPT male threads, for direct side mounting through a half coupling, or with factory installed tee for external mounting. This series can be used in liquids with specific gravities as low as 0.5.

**FEATURES/BENEFITS**
- Hermetically sealed, magnetically actuated SPST reed switch which is encapsulated in a polypropylene housing.
- Simple field switch adjustment allows user to toggle between normally open (NO) or normally closed (NC) with no change in the electrical connection.
- Switch is easily replaced without affecting process installation for quick and low cost maintenance.
- Combines low cost with top quality materials and construction for great value and years of reliable liquid level control.

**APPLICATIONS**
- Direct pump control for maintaining level
- Level control

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Installation</th>
<th>Float Material</th>
<th>Process Connection</th>
<th>Max. Pressure psig (bar)</th>
<th>Min. S.G.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L10-B-3-O</td>
<td>Side wall mounting</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
<td>$66.50</td>
</tr>
<tr>
<td>L10-B-3-A</td>
<td>Side wall mounting</td>
<td>304 SS cylindrical</td>
<td>NPT</td>
<td>200 (13.8)</td>
<td>0.5</td>
<td>$113.00</td>
</tr>
<tr>
<td>L10-B-3-C</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
<td>$119.00</td>
</tr>
<tr>
<td>L10-B-3-B</td>
<td>Brass tee</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.9</td>
<td>$152.00</td>
</tr>
<tr>
<td>L10-B-3-H</td>
<td>Brass tee</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.7</td>
<td>$152.00</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**
- **Service**: Compatible liquids.
- **Wetted Materials**: Float: Solid polypropylene or 304 SS; Body: Brass or 303 SS; Magnet: Ceramic; External float chamber (tee): None, brass, or 304 SS; Other: Lever arm, pin, spring, etc.: 301 SS, 302 SS, 316 SS.
- **Temperature Limit**: 200°F (93°C).
- **Pressure Limit**: Brass body: See chart; 303 SS body: Polypropylene float: 200 psig (13.8 bar), Cylindrical float: 200 psig (13.8 bar), Spherical float: 350 psig (24.1 bar).
- **Enclosure Rating**: Weatherproof, meets NEMA 4 (IP66).
- **Switch Type**: SPST hermetically sealed reed switch. Field adjustable for NO or NC.
- **Electrical Rating**: 1.5 A @ 24 VDC, 0.5 A @ 24 VDC, 0.5 A @ 24 VDC.

**OPTIONS**
- **BSPT Process Connection and M25 Conduct Connection**
- **Note**: To order, add “-BSPT” to the end of the model number.
- **Note**: To order, change fourth character to “S”.
- **Note**: Consult website for pricing.

USA: California Proposition 65
**WARNING**: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

---

The Model F7-MLK Multi-Level Switch Kit provides a customized level system to suit specific application requirements. The F7-MLK Multi-Level Switch Kit contains all the components necessary for the design and fabrication of a 1 or 2 station level switch for pipe plug mounting.

**FEATURES/BENEFITS**
- Customize stem length (maximum: 36”; minimum: 11”), actuation point, distance between floats, and lead wire lengths.
- Includes two level stations (switch, tube, and Buna-N float), two brass extension tubes 12” length, four brass tube unions, one end fitting, and one mounting plug.

**APPLICATIONS**
- General purpose level monitoring
- Low specific gravity applications

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F7-MLK</td>
<td>Multi-level switch kit</td>
<td>$276.00</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**
- **Service**: Compatible liquids.
- **Wetted Materials (Float/Stem)**: Buna-N/Brass.
- **Temperature Limits**: 221°F (105°C).
- **Pressure Limits**: 150 psig (10 bar).
- **Switch Type**: SPST, normally open or normally closed.
- **Electrical Rating**: 60 Watts: 0.4 A @ 220 VAC, 0.5 A @ 110 VAC, 0.2 A @ 120 VDC, 0.5 A @ 24 VDC.

USA: California Proposition 65
**WARNING**: Cancer and Reproductive Harm - www.P65Warnings.ca.gov