FLOTECT® MINI-SIZE LEVEL SWITCH
Easy In-wall or External Installation, Specific Gravities as Low as 0.5

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. Travel to Closed Position (25.40 mm)</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>
</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>
</tr>
<tr>
<td>L10-B-3-C</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.9</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>
</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>
</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, 303 SS, 316 SS.
Temperature Limits: 200°F (93°C).
Pressure Limit: Brass body: See chart; 304 SS body: Polypropylene float: 200 psig (13.8 bar), Cylindrical float: 200 psig (24.1 bar).
Switch Type: SPST hermetically sealed reed switch. Field adjustable for NO or NC.
Electrical Rating: 1.5 A @ 24 VDC res., 0.5 A @ 120 VAC.

Options

BSPT Process Connection and M25 Conduct Connection
Note: To order, add “-BSPT” to the end of the model number.
Example: L10-B-3-O-BSPT
303 SS Body
Note: To order, change fourth character to “S”.
Example: L10-B-3-O-S

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