The Series L6 Flotect® Liquid Level Switches are rugged and reliable float switches which operate automatically to indicate tank level. It is offered with a 303 SS or brass body with spherical or cylindrical float options.

**BENEFITS/FEATURES**
- Trouble-free service due to compact design
- Simple and dependable operation with no mechanical linkage
- Leak-proof lower body machined from bar stock
- Flexible application use with side wall or direct tee mounting options available to act as an external float chamber
- Ideal for demanding outdoor applications with weatherproof and explosion-proof as an external float chamber
- Save on maintenance costs with electrical assembly that can be easily replaced
- High accuracy with sensitivity to level changes of less than 1/2˝ (12 mm)
- Be shut down

**APPLICATIONS**
- Direct pump control for maintaining level
- Automatic tank dump operations
- Level control
- Valve control
- Level alarm in sumps, scrubber systems, hydro-pneumatic tanks, boilers, and
- Valve control
- Level control
- Direct pump control for maintaining level
- High accuracy with sensitivity to level changes of less than 1/2˝ (12 mm)

**SPECIFICATIONS**

- **Service:** Liquids compatible with wetted materials.
- **Wetted Materials:** Float: Solid polypropylene or 304 SS; Lower body: Brass or 303 SS; Magnet: Ceramic; External float chamber (tee): Matches lower body choice of brass or 303 SS; Other: Lever arm, spring, pin, etc.: 301 SS.
- **Temperature Limit:** -4 to 220°F (-20 to 105°C) Standard, MT high temperature option 400°F (205°C) (MT not UL, CSA, ATEX, IECEx and KC). ATEX compliant AT, IECEx IEC and KC option ambient temperature -4 to 167°F (-20 to 75°C) process temperature: -4 to 220°F (-20 to 105°C).
- **Pressure Limits:** See model chart.
- **Enclosure Rating:** Weatherproof and explosion-proof. Listed with UL and CSA for Class I, Groups A, B, C and D; Class II, Groups E, F, and G. (Group A on SS body models only).

**OPTIONS**

- **To order add suffix:** Description
  - **AT** ATEX compliant construction includes, weatherproof and explosion-proof, junction box
  - **CSA** CSA and UL approved construction, includes weatherproof and explosion-proof junction box
  - **IEC** IECEx certified construction, weatherproof and explosion-proof, junction box
  - **MT** High temperature rated 400°F (204°C) (see electrical rating in specifications, no listings or approvals, only available on models with stainless steel floats).
  - **MV** Gold plated contacts for dry circuits (see electrical rating in specifications)

Note: M25 is not available with the CSA housing.

**DPDT Contacts**

Note: To order, change seventh character in model number to “D”. Example: L6EPB-B-D-3-O

**Options Not Shown:** 1-1/2˝ and 2˝ (38.10 and 50.80 mm) male NPT or 1-1/2˝ and 2˝ (38.10 and 50.80 mm) male BSPT process connection, 2˝ female NPT or 2˝ female BSPT.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Body</th>
<th>Installation</th>
<th>Float Material</th>
<th>Process Connection</th>
<th>Max. Pressure psig (bar)</th>
<th>Min. S.G.</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6EPB-B-S-3-O</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPB-B-S-3-C</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>304 SS cylindrical</td>
<td>NPT</td>
<td>200 (13.5)</td>
<td>0.5</td>
</tr>
<tr>
<td>L6EPB-B-S-3-B</td>
<td>Brass</td>
<td>Solid side mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
</tr>
<tr>
<td>L6EPB-B-S-3-H</td>
<td>Brass</td>
<td>Brass external float chamber (tee)</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-S-3-3-O</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>200 (13.5)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-S-3-3-C</td>
<td>303 SS</td>
<td>Solid side mounting</td>
<td>304 SS cylindrical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
</tr>
<tr>
<td>L6EPS-S-3-3-B</td>
<td>303 SS</td>
<td>304 SS external float chamber (tee)</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>200 (13.5)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-S-3-3-L</td>
<td>303 SS</td>
<td>304 SS external float chamber (tee)</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.7</td>
</tr>
</tbody>
</table>

Note: BSPT process connection and M25 conduit connection. Note: To order, change eighth character in model number to “D”. Example: L6EPB-B-S-4-A

**USA: California Proposition 65**

**WARNING:** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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