The Series L6 FloTeC 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.

**FEATURES/BENEFITS**
- Compact design is built for years of trouble-free service
- Simple and dependable operation with no mechanical linkage
- Float lever pivoted within the body moves when the process liquid displaces the float and magnet on the opposite end of the float lever controls a second magnet on the switch actuating lever located in the switch housing
- Leak proof lower body machined from bar stock
- Side wall or direct tee mounting options available to act as an external float chamber
- Weatherproof and explosion-proof body for demanding outdoor applications
- Electrical assembly can be easily removed without the unit from the installation so that the process does not have to be shut down
- Sensitive to level changes of less than 1/2” (12 mm)

**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 water/wastewater treatment processes

**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.
- **Agency Approvals:**
  - **IECEx Certified:** For Ex d IIC T6 Gb Process Temp≤75°C. IECEx Certificate of Conformity: IECEx DEK II.0039.
  - **UL:** 5 A @ 125 VAC (V~). CSA, ATEX and IECEx.
  - **Korean Certified (KC):** For Ex db IIC T6 Gb Process ≤75°C. KTL Certificate Number: 12-KBA400-0091.
- **Switch Type:** SPDT snap switch standard, DPDT snap switch optional.
- **Electrical Rating:** UL models: 5 A @ 125/250 VAC (V~), CSA, ATEX and IECEx.

**OPTIONS**
- **To order add suffix:**
  - **-MV** Gold plated contacts for dry circuits (see electrical rating in specifications).
  - **-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).
  - **-CSA** CSA and UL approved construction, includes weatherproof and explosion-proof junction box.
  - **-AT** ATEX compliant construction includes, weatherproof and explosion-proof, junction box.
  - **-IEC** IECEx certified construction, weatherproof and explosion-proof, junction box.

**NOTES:**
- **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) 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-A</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>304 SS 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 spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPB-B-S-3-B</td>
<td>Brass</td>
<td>Brass external float chamber (tee)</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPB-B-S-3-H</td>
<td>Brass</td>
<td>Brass external float chamber (tee)</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-B-S-3-A</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-B-S-3-B</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS cylindrical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-B-S-3-C</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-B-S-3-S</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-B-S-3-L</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS external float chamber (tee)</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-B-S-3-C</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
<tr>
<td>L6EPS-B-S-3-S</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS external float chamber (tee)</td>
<td>NPT</td>
<td>1000 (69)</td>
<td>0.9</td>
</tr>
</tbody>
</table>

USA: California Proposition 65

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov