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.

**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 replaced without removing 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, hydromatic 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.: 303 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 stainless steel body models only).
- **Electrical Connections:** UL models: 18 AWG, 18˝ (457.20 mm) long, ATEX/CSA/IECEx models: terminal block.
- **Upper Body:** Brass or 303 SS.
- **Conduit Connection:** 3/4˝ (19.05 mm) male NPT standard, 3/4˝ (19.05) female NPT or BSPT on models with external float chamber.
- **Process Connection:** 1˝ (25.40 mm) male NPT or 1˝ (25.40 mm) female BSPT on models without external float chamber, 1˝ (25.40 mm) female NPT or 1˝ (25.40 mm) female BSPT on models with external float chamber.
- **Mounting Orientation:** Horizontal with index arrow pointing down.
- **Specific Gravity:** See chart.
- **Agency Approvals:** ATEX, CE, CSA, IECEx.

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**OPTIONS**

**To order add suffix:**
- **-MV:** Gold plated contacts for dry circuits (see electrical rating in specifications) +$13.25
- **-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) +$36.00
- **-CSA:** CSA and UL approved construction, includes weatherproof and explosion-proof junction box +$61.00
- **-AT:** ATEX compliant construction includes, weatherproof and explosion-proof, junction box +$88.50
- **-IEC:** IECEx certified construction, weatherproof and explosion-proof +$88.50

**NOTE:** M25 is not available with the CSA housing.

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**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>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6EPB-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>
<td>$180.00</td>
</tr>
<tr>
<td>L6EPB-S-3-A</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>200 (13.8)</td>
<td>0.5</td>
<td>208.00</td>
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<tr>
<td>L6EPB-S-3-C</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.9</td>
<td>224.00</td>
</tr>
<tr>
<td>L6EPB-S-3-B</td>
<td>Brass</td>
<td>Brass external float chamber (tee)</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.7</td>
<td>253.00</td>
</tr>
<tr>
<td>L6EPB-S-3-H</td>
<td>Brass</td>
<td>Brass external float chamber (tee)</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>200 (13.8)</td>
<td>0.9</td>
<td>228.00</td>
</tr>
<tr>
<td>L6EPS-S-3-O</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
<td>372.00</td>
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<tr>
<td>L6EPS-S-3-A</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS cylindrical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.9</td>
<td>381.00</td>
</tr>
<tr>
<td>L6EPS-S-3-C</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
<td>381.00</td>
</tr>
<tr>
<td>L6EPS-S-3-D</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.9</td>
<td>381.00</td>
</tr>
<tr>
<td>L6EPS-S-3-L</td>
<td>303 SS</td>
<td>304 SS external float chamber (tee)</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
<td>381.00</td>
</tr>
</tbody>
</table>

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

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