FLOTECT® LIQUID LEVEL SWITCHES

Easy In-wall or External Installation, Up to 2000 psig (138 bar), Compact Size

The Series L6 Flotect® Liquid Level Switches are rugged and reliable float switches which operates 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**
- Sensitive to level changes of less than 1/2˝ (12 mm)
- Suitable for a wide variety of applications
- Easy to use and maintain
- Reliable and durable

**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 stainless steel body models only).
- ATEX Certified: For Ex d IIC T6 Gb Process Temp≤ 75°C. IECEx Certified: For Ex d IIC T6 Gb Process Temp 75°C.
- UL models: 5 A @ 125/250 VAC (V~). CSA, ATEX and IECEx models: 5 A @ 125/250 VAC (V~). MT option: 5 A @ 125/250 VAC (V~). [MT option not UL, CSA, ATEX or IECEx].
- Agency Approvals: ATEX, CE, CSA, IECEx, KTL.

**PRODUCTS**

**OPTIONS**
- To order add suffix: Description
- Price
  - MV: Gold plated contacts for dry circuits (see electrical rating in specifications)
  +$12.75
  - 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)
  +$36.75
  - CSA: CSA and UL approved construction, includes weatherproof and explosion-proof junction box
  +$50.00
  - AT: ATEX compliant construction includes, weatherproof and explosion-proof, junction box
  +$84.00
  - IEC: IECEx certified construction
  +$64.00

**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-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>
<td>$174.00</td>
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<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>200 (13.8)</td>
<td>0.5</td>
<td>201.00</td>
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<td>L6EPB-B-S-3-C</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
<td>213.00</td>
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<tr>
<td>L6EPB-B-S-3-B</td>
<td>Brass</td>
<td>Brass external float</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.9</td>
<td>217.00</td>
</tr>
<tr>
<td>L6EPB-B-S-3-H</td>
<td>Brass</td>
<td>Brass external float</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.7</td>
<td>245.00</td>
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<tr>
<td>L6EPS-S-S-3-A</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS cylindrical</td>
<td>NPT</td>
<td>200 (13.8)</td>
<td>0.9</td>
<td>222.00</td>
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<td>L6EPS-S-S-3-C</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>300 (21.4)</td>
<td>0.7</td>
<td>264.00</td>
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<td>L6EPS-S-S-3-B</td>
<td>303 SS</td>
<td>304 SS external float</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>350 (21.4)</td>
<td>0.9</td>
<td>321.00</td>
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<td>L6EPS-S-S-3-L</td>
<td>303 SS</td>
<td>304 SS external float</td>
<td>304 SS spherical</td>
<td>NPT</td>
<td>350 (21.4)</td>
<td>0.7</td>
<td>347.00</td>
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<td>BSPT process connection and M25 conduit connection. Note: To order, change eighth character in model to “4”. Example: L6EPB-B-S-4-A</td>
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USA: California Proposition 65

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