LEVEL

FLOTECT® LIQUID LEVEL SWITCH
Easy In-wall or External Installation, Up to 2000 psig (138 bar), Compact Size

The SERIES L6 Flotect® Float Switches is a rugged and reliable float switch 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
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• 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, hydro-pneumatic tanks, boilers, and water/wastewater treatment processes

OPTIONS
To order add suffix: Description
-MV Gold plated contacts for dry circuits (see electrical rating in specifications)
-AT ATEX compliant construction includes, weatherproof and explosion-proof junction box
-IEC IECEx certified construction
-IECEx IEC and KC option
-ATA ATEX or IECEx
-EC-Type EC-Type Certificate No.: KEMA 04ATEX128
-ASME ASME certified
-W Waterproof

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-D</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>Polytetrafluoroethylene</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>Polypropylene spherical</td>
<td>NPT</td>
<td>200 (13.8)</td>
<td>0.5</td>
</tr>
<tr>
<td>L6EPB-B-S-3-C</td>
<td>Brass</td>
<td>Side wall mounting</td>
<td>Stainless steel</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</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>250 (17.2)</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>Polypropylene spherical</td>
<td>NPT</td>
<td>250 (17.2)</td>
<td>0.7</td>
</tr>
<tr>
<td>L6EPS-B-S-3-O</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>200 (13.8)</td>
<td>0.5</td>
</tr>
<tr>
<td>L6EPS-B-S-3-C</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>
</tr>
<tr>
<td>L6EPS-B-S-3-A</td>
<td>303 SS</td>
<td>Side wall mounting</td>
<td>Stainless steel</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
</tr>
<tr>
<td>L6EPS-B-S-3-L</td>
<td>303 SS</td>
<td>303 SS external float chamber (tee)</td>
<td>Polypropylene spherical</td>
<td>NPT</td>
<td>350 (24.1)</td>
<td>0.7</td>
</tr>
</tbody>
</table>

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

Dwyer
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USA: California Proposition 65

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

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