Surprisingly compact, the Series L6 Flotect® Level switch is designed and built for years of trouble-free service in a wide variety of process liquid level applications. Operation is simple and dependable with no mechanical linkage as the float switch is magnetically actuated. The float lever pivoted within the body moves when the process liquid displaces the float. A magnet on the opposite end of the float lever controls a second magnet on the switch actuating lever located in the switch housing.

**FEATURES**
- Leak proof lower body machined from bar stock
- Choice of models for direct side wall mounting or mounted in a tee to act as an external float chamber
- Waterproof
- Explosion-proof (listings included in specifications)
- 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)

**OPTIONS**
- Gold Plated Contacts option for dry circuits, add suffix -MV (see electrical rating in specifications)
- High Temperature option rated 400°F (204°C), add suffix -MT (see electrical rating in specifications, no listings or approvals, only available on models with stainless steel floats)
- CSA and UL approved construction, includes weatherproof and explosion-proof junction box, add suffix -CSA
- ATEX compliant construction includes, weatherproof and explosion-proof, junction box, add suffix -AT
- IECEx certified construction, add suffix -IEC
- DPDT contacts, change seventh character in model number to “D”. Example: L6EPB-B-D-3-O
- 303 SS Upper Body, change fifth character in model number to “S”. Example: L6EPB-B-S-3-S

**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 (Teed): 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 (204°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 next page.

**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 C Ex d IIC T6 Gb Process Temp≤75°C.

**Type Certificate No.:** KEEMA 04ATEX2128.

**ATEX Standards:** EN 60079-00: 2007; IECEx Standards: IEC 60079-1: 2007; IECEx IEC and KC). ATEX compliant includes, weatherproof and explosion-proof, junction box, add suffix -AT

**IECEx Certificate of Conformity:** IECEx DEK II.0039.

**Sp. Gr.**

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<tr>
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<td>304 SS Spherical</td>
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<td>303 SS</td>
<td>304 SS Spherical</td>
<td>350 (24.1)</td>
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</tr>
</tbody>
</table>

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- 303 SS Upper Body, change fifth character in model number to “S”. Example: L6EPB-B-S-3-S

**Options Not Shown:** 1-1/2" and 2" male NPT process connection, 2" female NPT connection tee, and top mount.