**LEVEL**

**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 level 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
- Weatherproof
- 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)

**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.

**Switch Actuating Lever**
- **Positioning:**
  - Lever Arm, Spring, Pin, etc.: 301 SS.
- **Temperature:**
  - 4 to 220°F (-20 to 105°C) Standard, MT high temperature option 400°F (205°C).
- **Electrical Rating:**
  - UL models: 5A @ 125/250 VAC (V~), CSA, ATEX and IECEx models: 5A @ 125/250 VAC (V~).
  - CSA, ATEX or IECEx option: 5A @ 125/250 VAC (V~).

**Process Temperature:**
- -4 to 220°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 compliant with IEC and KC option ambient temperature -4 to 167°F (-20 to 75°C) process temperature: -4 to 220°F (-20 to 105°C).

**Agency Approvals:**
- ATEX, CE, CSA, IECEx, UL.

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**OPTIONS**

- **Gold Plated Contacts** option for dry circuits, add suffix -MV (see electrical rating in specifications) ........ add $10.50
- **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) ................. add 31.50
- **CSA and UL approved construction, includes weatherproof and explosion-proof junction box, add suffix -CSA** ........... add 50.50
- **ATEX compliant construction includes, weatherproof and explosion-proof, junction box, add suffix -AT** .................. add 81.50
- **IECEx certified construction, add suffix -IEC** ............. add 81.50
- **DPDT contacts, change seventh character in model number to “D”**. Example: L6EPB-B-D-3-O ................ add 30.50
- **303 SS Upper Body, change fifth character in model number to “S”**. Example: L6EPB-B-S-3-S-S ................ add 30.00

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