The SERIES L6 Flotec® 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 side 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
- Simple and dependable operation with no mechanical linkage
- Compact design is built for years of trouble-free service

**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:  
- **-MV** Gold plated contacts for dry circuits (see electrical rating in specifications)  
  Price: +$11.75
- **-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)  
  Price: +$34.25
- **-CSA** CSA and UL approved construction, includes weatherproof and explosion-proof junction box  
  Price: +$55.00
- **-AT** ATEX compliant construction includes, weatherproof and explosion-proof, junction box  
  Price: +$84.00
- **-IEC** IECEx certified construction  
  Price: +$84.00

**DPDT Contacts**

Note: To order, change seventh character in model number to “D” and +$34.00 to above prices. Example: L6EPB-B-D-3-O

**Options Not Shown:** 1-1/2” (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.

**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).
ATTEx, IECEx Certified For Ex d IIC T6 Gb Process Temp≤75°C.
IEC-Type Certificate No.: KEMA 04ATEX128.
IECEx: CE, IECEx and IECEx, IEC Exd IIC T6 Gb Process Temp≤75°C.
IECEx Certificate of Conformity: IECEx DEK II.00029.
Korean Certified (KC) for Ex d IIC T6 Gb Process Temp≤75°C.
KTL Certificate Number: 2012-2454-75.
Switch Type: SPDT snap switch standard, DPDT snap switch optional.
Electrical Rating: UL models: 5 A @ 125/250 VAC (V~). CSA, ATEX and IECEx models: 5 A @ 125/250 VAC (V~). 5 A, 3 A, 3 A, 3 A. MS model only. 304 SS models only.
Conduit Connection: 1” (25.40 mm) female NPT or M25 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.
Weight: 1 lb (.5 kg) without external float chamber, 1.75 lb (.8 kg) with external float chamber.
Agency Approvals: ATEX, CE, CSA, IECEx, KTL, UL.

**MODEL CHART**

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