

Flotect® Liquid Level Switch

Series L6



Product Overview

Compact and built for long-term reliability, the Series L6 Flotect® Liquid Level Switch is ideal for a wide range of process liquid applications. Its magnetically actuated design ensures simple, dependable operation with no mechanical linkages to wear or fail. As the process liquid rises, it displaces the float, causing a pivoting lever to activate a magnetically coupled switch—delivering precise and consistent level detection with minimal maintenance.

Key Message

The Series L6 Flotect® Liquid Level Switches offer rugged reliability and efficient operation for tank level indication, with options in 303 SS or brass and a choice of spherical or cylindrical floats. Designed for trouble-free service and versatile mounting, these switches excel in demanding outdoor applications and allow easy maintenance without process interruption, ensuring high accuracy and dependable performance in various level control applications.

Key Features and Benefits

- Trouble-free service due to compact design
- Simple and dependable operation with no mechanical linkage
- Leak-proof lower body machined from bar stock
- Flexible application use with side wall or direct tee mounting options available to act as an external float chamber
- Ideal for demanding outdoor applications with weatherproof and explosion-proof body
- Save on maintenance costs with electrical assembly that can be easily replaced without removing the unit from the installation so that the process does not have to be shut down
- High accuracy with sensitivity to level changes of less than 1/2" (12 mm)

Key Vertical Markets



Wastewater



Mining



Agriculture



Food & Beverage

Key Business Challenge

The Series L6 Flotect® Liquid Level Switch addresses the need for accurate and reliable tank level monitoring in demanding environments. It offers a rugged and dependable solution that ensures precise level control, reduces maintenance costs with easy-to-replace components, and provides flexible installation options for various industrial applications.

Personas

Design/Test Engineer

Maintenance Manager/Tech

System Integrator

Mechanical Contractor

Key Differentiators

- No mechanical linkage
- 303 SS or brass body
- Up to 2000 psig (138 bar)

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

Key Competitors

The Series L6 Flotect® Liquid Level Switch meets the need for accurate and reliable tank level monitoring in demanding industrial environments. It offers a rugged, dependable solution with precise level control, flexible installation options, and easy-to-replace components that reduce maintenance costs. With superior temperature and pressure ratings and robust weatherproof and explosion-proof enclosures, it outperforms many standard market alternatives in durability and operational reliability.

Sellable Regions

- Americas
- EMEA
- APAC

Additional Resources

[Data sheet](#)

[Manual - English](#)

[Manual - Multilingual](#)



Improving the world, one measurement at a time.™



North America



EMEA

INTERNAL USE ONLY