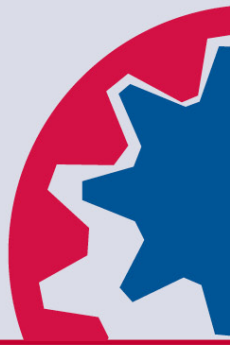


MODEL LLS TANK LEVEL AND LEAK SWITCH



Level Switches are used with day tanks or other fuel oil tanks to detect level at a particular point(s) in the tank. (pictured on the right). These switches may be used as a leak detector in the interstitial space of a day tank (pictured on the left).

For example, the 5 positions level switch shown on the right may be used for (from the top) starting a return pump, high level indication, supply pump off (stop filling the tank), supply pump on (start filling the tank), and the bottom would be for a low alarm. The position of the level switches is customized per the application and once set cannot be changed.

These units are designed for use with fuel oil (diesel).

- Model LLS-1 includes one float and is used for leak sensing or as a high level alarm and optional interlock.
- Model LLS-2,3,4, or 5 are used for day tank level control and alarming. The number indicates the number of floats.

Specifications:

- Mounting:
 - 1.5" NPT (for up to 4 switches, up to 4 feet)
 - 2" NPT (for up to 5 switches, up to 15 feet)
- Stem Material - Brass
- Float Material - 316SS, up to 5 switches
- Switch Type: 50VA SPST (NO or NC)
- Enclosure: Cast Aluminum NEMA 4/7/9
- Temperature Range: -40 to 300 degrees F
- Specific Gravity is selected to match requirements of Diesel Fuel (No. 2 Fuel Oil)
- Electrical Connection: Terminal Strip, color coded from bottom up: Red, Yellow, Blue, Brown, Orange (for example a two switch unit would have Red and Yellow wires).

Note: For shallow tanks level switch spacing can be critical, please consult with the factory for correct spacing.



