

Liquid Level Measuring Sensors

Simple Detection in Aboveground Storage Tanks

Overview

Simple detection and remote monitoring in Aboveground Storage Tanks (ASTs), perfect for Commercial & Industrial applications. Veeder-Root now covers more of your customers needs with the addition of the Liquid Level Measuring Sensors to the portfolio.



► FUNCTIONALITY

- Accurate, reliable tank level monitoring
- Programmable data reporting interval
- Remote configurability
- Programmable alarms
 - Full alert
 - Empty alert
 - Spill alert (bundled tanks)
 - Fill alert
 - Low and high levels
 - 24/7 remote tank monitoring



► FEATURES & BENEFITS

- Remote dashboard to view information
- Accurate, reliable level reporting to server monitoring application
- Easy to install in existing riser openings
- CE Conformance and ROHS Compliant
- 1-year warranty

► APPLICATIONS

- Remote liquid level monitoring
 - Fuel - Oil, Kerosene, Diesel
 - Lubricants
 - Additives
 - DEF / AdBlue
 - Coolants
 - Water
 - Waste Oil
 - Wastewater
 - Chemicals*
 - And more



* This product may not be suitable for monitoring of certain corrosive and hazardous chemicals. List of product compatible chemicals to be verified with a Veeder-Root representative.

LIQUID LEVEL MEASURING SENSOR OPTIONS



811 Cellular Ultrasonic Sensor

A flexible and configurable battery-operated liquid level sensor and remote tank monitor. Fuel and chemical liquids are monitored in ASTs via Cellular connectivity without the use of an Automatic Tank Gauge (ATG). This liquid level sensor has an integrated cellular modem supporting GSM (2G), LTE-CAT M1 & NB-IoT networks.



811 LR, Long Range Cellular Ultrasonic Sensor

A flexible and configurable battery-operated liquid level sensor and remote tank monitor. Fuel and chemical liquids are monitored in ASTs via Cellular connectivity without the use of an ATG. This liquid level sensor has an integrated cellular modem supporting GSM (2G), LTE-CAT M1 & NB-IoT networks.



880 Cellular Radar Level Sensor

This device is specifically designed to be a low profile, non-invasive, continuous liquid level sensor. It is ATEX / Intrinsically Safe and uses radar technology to measure the fluid liquid level of the tank being monitored and then communicates this data in a binary message to a remote server via a TCP connection. This is communicated via CAT-M1 / NB-IoT networks.



888 LoRa Ultrasonic Sensor

A C1D2 certified, flexible and configurable, battery-operated ultrasonic level monitor with an integrated 915 MHz LoRaWAN radio. The LoRaWAN radio allows for a direct connection to your customer's internal data platform without the need for a cellular connection.



750 Wi-Fi Tank Sensor

A flexible and configurable battery-operated liquid level sensor with an integrated Wi-Fi modem. The contents of a tank are measured regularly, and data transmitted once a day via the Wi-Fi router to a cloud-based data server.



822 Cellular LPG Propane Exi Sensor

The Intrinsically Safe NB-IoT / CAT-M1 Logger uses ultrasonic technology to monitor fuel tanks levels and flow rates. With flexible sensor/meter connection options, this battery-powered logger can measure the liquid level of a tank and then communicates this data to a remote server.



871 Cellular Ultrasonic Exi Sensor

A flexible and configurable battery-operated liquid level sensor with an integrated cellular modem that is Intrinsically Safe, Class 1 Division 1. This sensor is suitable for monitoring liquid levels up to 13 ft / 4m depth. It has a 10 ft / 3m cable with an IP68 connector to facilitate mounting. The 28 slot logger with configurable logging interval communicates via UART serial bidirectional communications.



898 Cellular Pressure Exi Sensor

A pressure level sensor equipped with a battery-powered data logger. This is the perfect solution when only one opening is available on the AST or for tanks with small openings.