

FTM Features

- Constantly monitors Tank Level
- Reports time of last delivery
- Reports amount of gallons last delivered
- Hourly usage trend report
- Works with 2,4 or 6 oil
- Connects to any BMS system
- Reports temperature of fuel in tank
- Remote dial-in/dial-out over phone line
- 200 days of historical trends
- Password protected
- Alarms (Active or Passive)
- High Usage Alarm (Theft)

Typical Applications

- Multi-Family Apartments
- Coops and Condos
- Commercial Office Buildings
- Schools
- Greenhouses
- Nursing Homes
- Residential Homes
- Restaurants
- Hotels and Motels

MODEL: FTM-1 (Tank Sensor Only) FTM-2 (Tank Sensor & Tank Temperature)



The FTM is an Ultrasonic microprocessor based Fuel Tank Monitor that continuously monitors and records the amount of fuel in a tank. The FTM Ultrasonic Level Transmitter provides non-contact liquid level measurements with a reversible 4-20 mA output. Models are available in three measurement ranges from 8.2" to 32.8" (2.5 to 10mm) and an accuracy of +/- 0.2%. The FTM is ideal for oil tanks, (2,4 or 6 oil) ultrapure, corrosive, waste and slurry applications.

The FTM display module can be located up to 500' away from the transmitter and displays date, time and amount of last fuel delivery. When a new delivery is in process the LCD display blinks with "FUEL DELIVERY IN PROGRESS" and reports the new delivery in gallons and the new amount of fuel in the tank with date and time stamp.

Remote Log-In

The FTM can be accessed remotely using a PS or Laptop computer. Several FTM's can be networked together forming a LAN and thereby allowing for a single point of access to view multiple FTM's. Communication to the FTM is made via hard wire, voice grade phone line or internet connection. Monitoring parameters including temperature, overfill alarms and historical trends that can be viewed from easy to use color graphic screens.

FTM (Fuel Tank Monitor)



Power Requirements

- 110 VAC 50/60 Hz
- Dual 24 VAC
- Supply Voltage: 24VDC
- Loop Resistance: 500 @ 24 VDC
- Signal Output: 4-20 mA, Two-wire
- Range:
 - LU27: 4 to 8.2' (10cm to 2.5m)
 - LU28: 8" to 24.6' (20cm to 7.5m)
 - LU29: 8 to 32.8' (20cm to 10m)
- Resolution
 - LU27: 0.019" (0.5mm)
 - LU28/29: 0.079 (2mm)
- Beam Width
 - LU27: 2" (5.1cm) dia
 - LU28/29: 8" (7.6cm) dia
- Deadband (from Sensor)
 - LU27: 2" (10cm)
 - LU28/29: 8" (20cm)
- Memory: Non-volatile
- Process Temp: -4 to 140F
- Ambient Temp: -31 to 140F
- Pressure: 30 PSIG
- Agency approvals: CE compliance, FM approved

Operating Temperature

- 32 F to 122 F

Dimensions

- 18" x 18" x 6" NEMA 4 (Wall Mount)

Temperature Sensor Specifications

- Product Temperature Sensor 10K

