ZTR™

InteLevel

FUEL LEVEL MEASUREMENT

Take the guesswork out of fuel level measurement.

InteLevel accurately measures fuel levels for the railway industry. This high-performance measurement technology includes solid state electronics and wave-guided pulses for precise measurements. InteLevel is designed for the rigors of the railway industry and its mechanical, environmental, and temperature extremes. The system can be programmed to read in liters or gallons and maintains accuracy of up to ± 3% (with strapping) from -40°F (-40°C) to 176°F (80°C).

HOW INTELEVEL WORKS

InteLevel uses a patented technology that operates by sending wave-guided pulses along a tank-mounted, stainless steel waveguide. The pulse is reflected from the surface of the liquid, measured and converted to a displayed value of gallons or liters. Accuracy is unaffected by foam, rust, scale or other commonly found tank conditions. (Tank level can be transmitted to the ZTR web center when InteLevel is combined with a ZTR remote communications device.) Follow our installation instructions, perform a ZTR-provided tank strapping procedure and enjoy the benefits of an accurate, maintenance free, fuel level measurement system.

NOTE: Increased accuracy is possible. Please contact your ZTR sales representative for further details.

COMPONENTS

Level Sensor

Stainless steel probe with a weather tight, MIL-23886 (SH), powder coated, gray aluminum sensor head that comes complete with a backlit display. Total standard length is 49.5 inches. Weight is five pounds.

Power/Interface Module

A powder coated, NEMA 4-rated, steel enclosure containing an isolated power supply for the sensor and display(s) (power input is 22 to 80 volts DC). As an option, this enclosure will house a communications interface.

Leading Edge Measurement Technology

Contact ZTR:

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