



Digital Inventory Probes

Digital inventory and leak detection probes provide accurate tank level monitoring and reporting with optional leak detection capabilities. These probes employ digital communications and magnetostrictive position measurement technology for highly accurate tank readings.

HIGHLIGHTS

SPECIFICATIONS

ORDER INFO

DOWNLOADS

General

- Operating temperature: -40° to 140 °F (-40° to 60 °C)
- Storage temperature: -40° to 158 °F (-40° to 70 °C)

- Temperature resolution: ±0.001" (0.025 mm) / ±0.01°C
- Temperature sensors: 5 thermistors located in the shaft
- Probe pigtail: 10' long three conductor cables with shields and polyurethane jacket
- Compatible with Franklin Fueling Systems tank gauges including: EVO™ Series, TS-5, TS-550, TS-5000, Colibri®, TS-1001/2001/750/504/508.
- Fuel compatibility:
 - Diesel with or without biodiesel blends up to 5% (B5)
 - Diesel with biodiesel blends between 6% - 20% (B6 - B20)
 - Diesel with biodiesel blends between 97% - 100% (B99 - B100)
 - Gasoline with ethanol blends up to 10% (E10)
 - Mid-range ethanol/gasoline blends of (E15-20)
 - High-range ethanol/gasoline blends (E51-83), commercially sold as E85

Applications

Digital probes feature exceptional linearity, resolution, and stability, and are used in underground and aboveground storage tanks. Two types of probes are available for the following applications:

- The leak detection probes are typically used for underground storage tanks and petroleum applications when static or SCALD® leak detection is required.
- The inventory control probes are typically used for aboveground storage tanks, chemical or oil waste, or underground storage tanks that do not require in-tank leak detection.

Approvals/Certifications

- UL & cUL listed, ATEX, IECEx

Operation