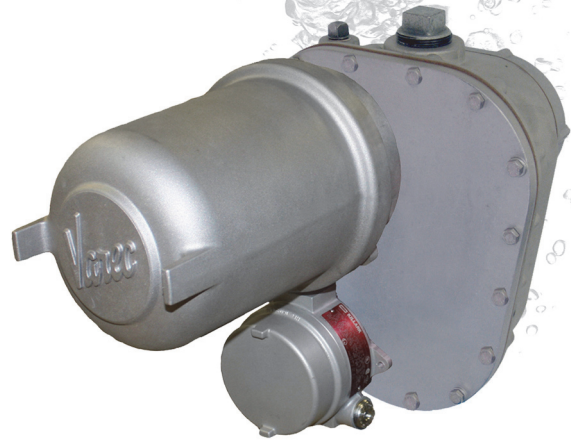


# 2910 Float & Tape Transmitter

Transmit level and temperature data from the tank side to the control room and activate alarms or relays with SPDT cam-operated switches

**Varec**<sup>®</sup>



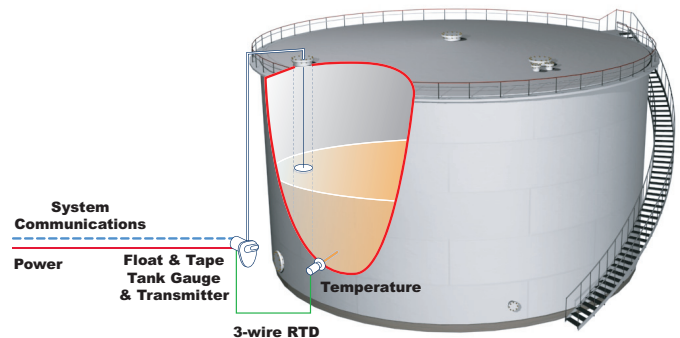
## Highlights

- Easy in-service installation - mounts directly to most mechanical tank gauges, including Varec, GSI, L&J and Sakura
- Minimal service or repair with no parts to wear out - absolute encoder utilizes capacitive sensors and precision direct-drive gearing transmits accurate level reading to the control room
- Integrate temperature measurement for volumetric calculations with an on-board 3-wire RTD temperature input
- Industry Standard Protocols - MODBUS, Mark/Space, or Tankway options
- Activate alarms or relays with; 2 discrete inputs (as standard), 2 inputs or 4 contact outputs (as option) or 2-4 SPDT cam-operated switches (as option)
- 20-65 VDC or optional 40-240 VAC on-board power supply
- No battery back-up is required - maintains the correct level reading during and after a power outage
- cFMus (USA and Canada), IECEx and ATEX approved for use in hazardous areas
- IP66, NEMA Type 4 enclosure rating
- Self-diagnostics - identifies problems and goes off-line without closing the entire field communication loop. Serial port connection for advanced diagnostics and troubleshooting
- Isolated power and communications circuits

## Applications

The 2910 Float & Tape Transmitter (FTT) provides data from the tank-side to the control room for use in inventory management volumetric calculations. The 2910 FTT utilizes precision direct-drive gearing and an absolute capacitive encoder to accurately convert the mechanical level measurement from the connected tank gauge. It is also able to integrate a single temperature sensor and provide cam-operated switches for the indication of alarms or drive relays. The encoder and electronics can be ordered as a single unit (no housing) so that they can be placed inside an existing housing at the

tank-side. Alternatively, it can be ordered as a limit switch only device that does not require power.



Example Tank Gauging System

