Liquid Level Sensor

The PT-500 is a rugged submersible pressure transmitter designed for tank liquid level measurement, water and wastewater applications, well depth measurement, and offshore water depth measurement.

Features

- Simple to install
- High precision, solid state signal with 4-20 mA output
- Exclusive, removable and reusable cage
- 1/2” NPTM on cable end for use with conduit
- cCSAus hazardous location approved
- Durable transducer face
PT-500 Specifications

**Performance**
- **Accuracy (linearity, hysteresis, & repeatability):** ≤ 0.50% of span (BFSL)
- **1 Year Stability:** 0-20,000 PSIS
- **Temp Compensation Range:** 32°F - 122°F (0º - 50ºC)
- **Temp Effects on Zero & Span:** ≤ 0.025% FS/°F @ 70º

**Connectivity**
- **Output:** 4-20 mA

**Environmental**
- **Maximum Depth:** Submersible up to 450 ft.

**Certification**
- **CSA Intrinsically Safe:**
  - Class 1, Division 1; Groups C & D
  - Ex ia IIB T4
  - Class 1, Zone 0, AEx ia IIB T4
  - Ambient: -40 - 85ºC

**Electrical**
- **Supply Voltage:** 10-28 VDC
- **Electrical Connection:**
  - Vented watertight cable w/free ends
  - Up to 200 lbs tensile strength
- **Electrical Protection:**
  - Lightning and Surge protection is built in.
  - Protected against reverse polarity, surge per IEC 61000-4-5

**Physical**
- **Housing:** 316L SS
- **Cable:** Polyurethane
- **Protective Cone:** Delrin
- **Overmolded Cable**