

# PT-500 Submersible Liquid Level Transmitter



## 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

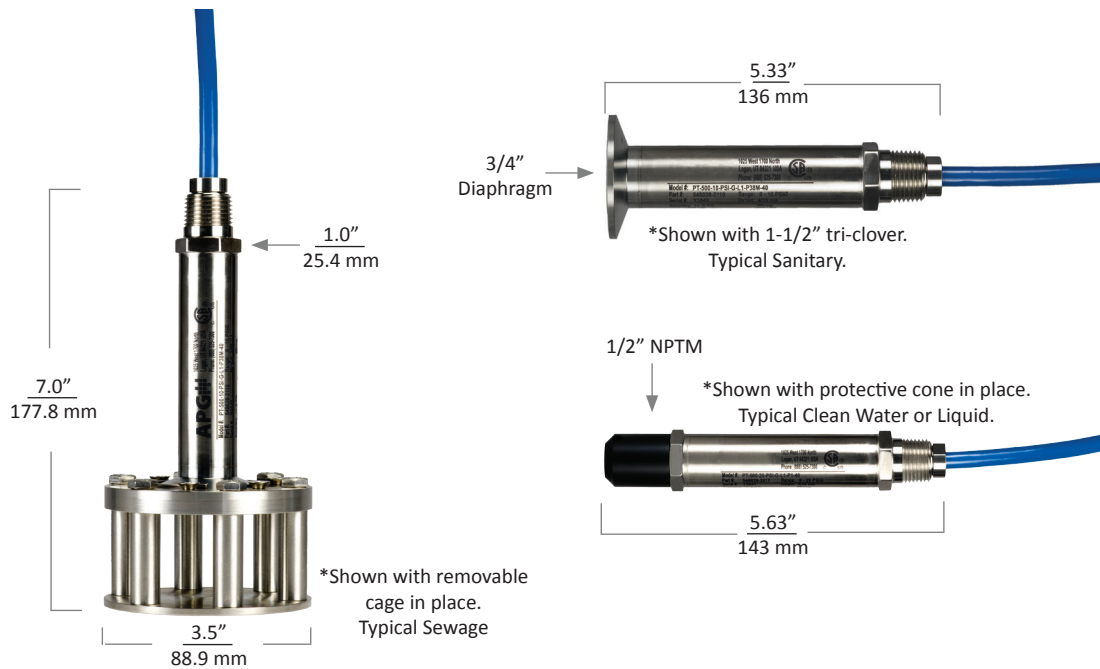
- Simple to install
- High precision, solid state signal with 4-20 mA output
- Exclusive, removable and reusable cage
- 1/2" NPTM on cable end for use with conduit
- cCSAus hazardous location approved
- Durable transducer face

***BINMASTER***®

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# PT-500 Specifications



## Performance

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

## 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 - 85°C

## 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