



Tank Level Monitoring

Icon Process Controls offers several options for tank level monitoring. The products below use pressure sensor (submersible) technology to determine the solution height in a vessel or tank. These products are designed to provide continuous level measurement for both corrosive and non-corrosive liquids. Pressure sensors are unaffected by any foam, vapor, turbulence, or condensate in the tank. Continuous Level Transmitters require no programming and have no moving parts. Additionally, they are engineered with a non-clogging design. Icon Process Control strives to offer the industry's simplest and most reliable tank level sensors.

Series 100 Submersible (Pressure) Sensors come in a variety of body material options (PVC, Polypropylene, PVDF, and PTFE Teflon®). This makes the product line extremely versatile for aggressive/corrosive chemicals and solutions. All models come with Teflon® jacketed cabling and a Kalrez® o-ring seal to ensure the sensor stands up to the toughest and most corrosive chemicals on the market.

Features:

- Accuracy: ± .5%
- Output: 4-20mA
- Kalrez® O-rings / PTFE Teflon® Coated Cable
- Industrial Heavy Duty Design
- Integrally Molded Weight – Non Floating Design
- Standard 34ft Height – (Others Available)
- Variety of Output Options



Junction Box (ICLP100)



Series 300S Submersible (Pressure) Sensors come with a 316SS body that is designed to sit at the bottom of the tank or vessel and measures the head pressure of the liquid pushing down on the internal diaphragm that sits inside the 316SS body. All models come with Teflon® jacketed cabling and a Kalrez® o-ring seal to ensure the sensor stands up to the toughest and most corrosive chemicals on the market.

Features:

- Accuracy: ± .5%
- Output: 4-20mA
- Kalrez® O-rings / PTFE Teflon® Coated Cable
- Heavy Duty Design
- Standard 34ft Height – (Others Available)
- Variety of Output Options



Junction Box (ICLP100)



Sensors

Part No.	Description	Output
IP 191-1001B15	100 Series, Polypro Sensor, 34ft Range Height, 15m Cable	40-20mA
IP 191-1001SS15	300 Series, 316SS Sensor, 34ft Range Height, 15m Cable	40-20mA

Junction Box

Part No.	Description
IC LP100	Polypro Body, 2IN MPT Polyethylene Plumbing Connection, NEMA 4X Rated

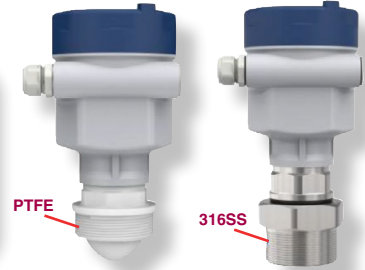
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ProScan® 2 Series Radar Level Transmitters, from Icon Process Controls, measure the liquid level inside a tank, vessel, or sump by using a PTFE/Teflon® (316SS Available) antenna. The antenna emits a low energy radar pulse. The pulses are laser focused with a small-diameter, concentrated beam which offers more reliable accuracy in conditions that involve vapor and/or out-gassing, or low-reflective media. The pulses reflect off the liquid surface and are read back by the antenna. The ProScan® 2 Series uses microprocessor technology coupled with mapping software that allows these tank level monitors to be used where other non-contact level sensing devices are unreliable.

Features:

- Corrosion-resistant poly design
- Small Dead Band
- PTFE/316SS Antenna
- Narrow Beam Angle
- IP67/NEMA 4X Enclosure Rating
- Suitable for Vacuum (up to 14.5" Hg)/Fumes
- Loop Powered/2-Wire



Part No.	Description	Output
IC PS28000	Transmitter, Radar, PTFE Antenna	40-20mA
IC PS28500	Transmitter, Radar, 316SS Antenna	40-20mA

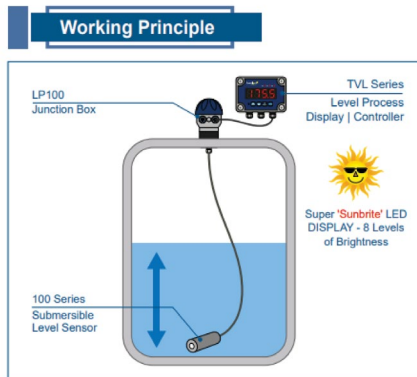
* 150lb Class ANSI Flange Connection Options Available - Call for Details

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Level Display Monitor

The TVL Series from Icon Process Controls is designed to act as a simple level process display and/or controller. SunBright Technology for outdoor applications. No Assembly Required. 8 Brightness Levels. 3 Wire cord grips included. Relay Lights & audible Alarm Function. Optional Remote Control.



Features:

- Multiple Output Options Available (4-20mA or 4-20mA + 1 Relay)
- Accuracy: .1%
- Temperature Range: -40°F to 158°F
- Polycarbonate Housing is NEMA 4X Rated
- Out of the Box Ready to Use



Part No.	Description	Input	Output	Net Ea.	Part No.	Description	Net Ea.
IC TVL-550-1821	Level Monitor/Controller, LED, 85-260VAC	4-20MA	2 Relay	\$ CALL	IC WP-FT	Shielded Instrument Cable, Sold by Foot	\$ CALL