

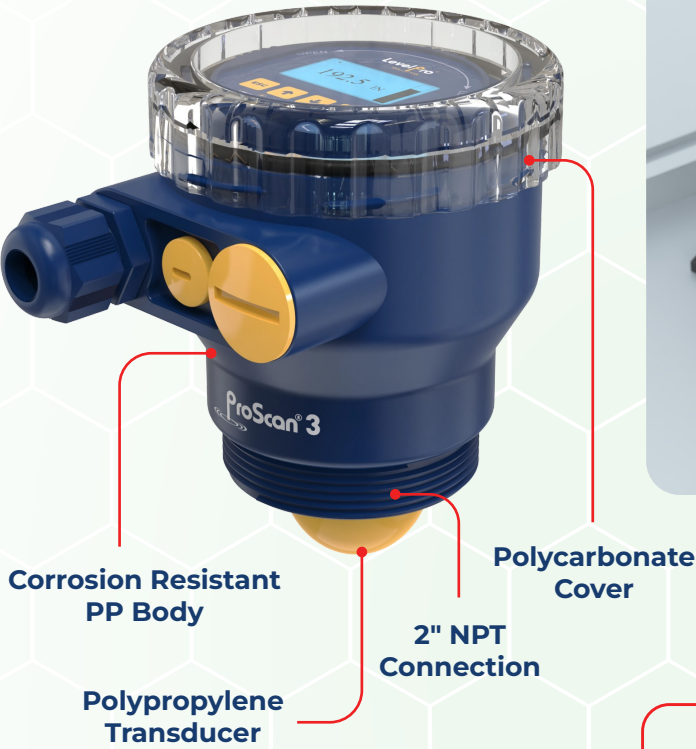
ProScan® 3 Radar Level Transmitter (80GHz)

Bluetooth®

Local LCD Display

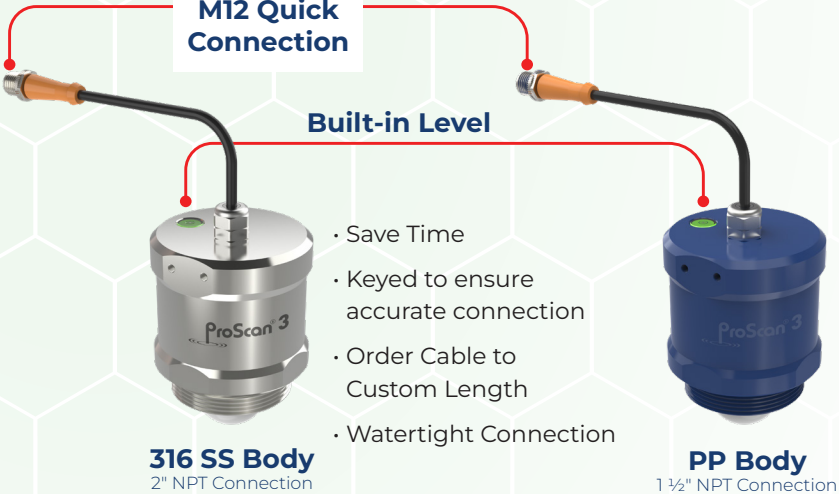
Two Wire Loop Powered

Built-in Level



M12 Quick Connection

Built-in Level



316 SS Body
2" NPT Connection

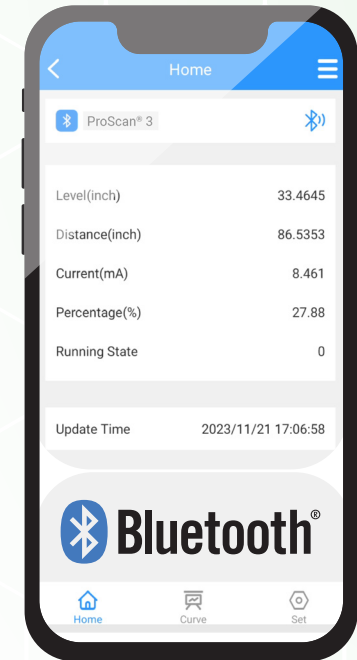
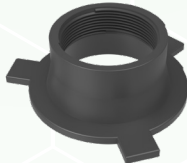
PP Body
1 1/2" NPT Connection

- Save Time
- Keyed to ensure accurate connection
- Order Cable to Custom Length
- Watertight Connection

LB75
2" Tank Top Mounting Bracket

LB80S
Wall Mounting Bracket (SS only)

LB50
2" Wall Mounting Bracket



Monitor Your ProScan® 3 with the Free App



ProScan® 3 Radar Level Transmitter (80GHz)

The future of non-contact level measurement is radar technology!

The **ProScan® 3** 80GHz high frequency technology permits a significantly more precise transmission signal focus. This makes it easier to distinguish between actual level signals and interference signals, making the measurement more reliable coupled with a higher degree of accuracy.

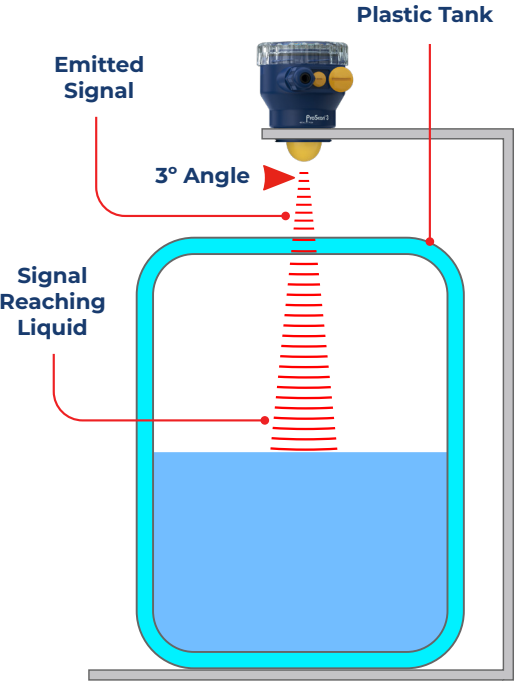
The new **ProScan® 3** series of compact instruments are ideally suited for more complex level applications. The 80GHz radar signal is capable of penetrating through the top lid of a tank, eliminating the need for a bulkhead fitting, or having the sensor subject to the conditions inside the tank.

Features

- ✓ Bluetooth Connectivity
- ✓ Excellent Reliability and Accuracy
- ✓ Not Affected by Vapor or Outgassing
- ✓ Polypropylene Transducer
- ✓ Integrated Spirit Bubble for Easy Leveling
- ✓ RS-485 Communication | 4-20mA
- ✓ Measurement Under Vacuum | High Pressure
- ✓ Unaffected by Temperature Fluctuations
- ✓ NEMA 4X | IP68 Protection

Working Principle

The **ProScan® 3** (80GHz) radar is a transmitter for continuous level measurements using fast sweep Frequency Modulated Continuous Wave (FMCW) technology. The transducer of radar continuously emits signal sweeps with a constant frequency towards the liquid surface. The reflected signal is then captured by the transducer. The time to send and receive is known as the time of flight.



The ProScan® 3 can be connected to one of our many displays.

ShoPro® Display



Polypropylene



316 Stainless Steel