

# PolyLevel Radar Package



**POLYPROCESSING**  
SOLUTIONS, SIMPLIFIED.

## Why the better Choice:

**Turnkey:** Supplied with tank and configured by PPC to your specific tank geometry. All components configured to your tank and chemical, plug & play ready!

## Non-Contact with Fluid.

No tank wall penetrations, so no potential for leaks!

Pinpoint Accuracy. Not affected by foam, splashing or vapor, unlike ultrasonic sensors.

Can read through the plastic dome, allowing fume tight, or placement anywhere!

Suitable for all specific gravity fluids.

Need to customize for control, telemetry, or special application? We have many other solutions- talk to one of our digital level experts.



## Package Includes:

1) 80Ghz Radar

2) Swivel Self Aligning Bulkhead

3) LCD Display in Gallons

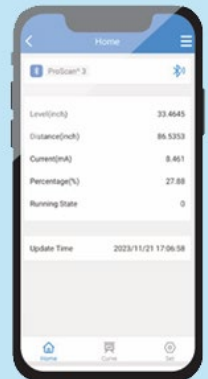
4) Instrumentation Cable

25ft with Corrosion Resistant PVC Jacket

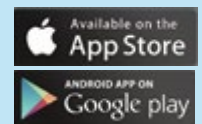
5) VAC Power Cable

Standard North American Plug, 18AWG ,15ft

**6) Bluetooth App** for phone, tablet, or other Bluetooth device to see tank level and history.



QR codes provide app download link



Get Level by having Bluetooth device inside 30 ft from sensor, LCD Display box, or 4-20 output from display.

## Radar Sensor Unit:



80 Ghz Frequency, delivers pinpoint accuracy over others, with a narrow beam, ensuring reliable level readings even in tight spaces and challenging conditions like foam, vapor, and obstructions.

2" MNPT, Polypropylene body, cord grip, easy connect wiring, Polycarbonate cover, PTFE Transducer, with Bluetooth Connectivity, Loop Powered 2 Wire 4-20mA Output and RS485 Communication.

## LCD Display Unit:



- All-in-one | Out of the Box Ready to use
- Display Gallons or Inches
- Visual Alarm — High | Low Level if desired
- LED | 5 x 13mm High | Red
- NEMA 4X / IP67 Polycarbonate Enclosure
- 4-20mA Output Only, (ask rep if relays needed)
- Wiring 2-wire quick connects, color coded snap tabs
- 3 connections: Sensor input / 4-20 output / Power cord
- Cord Grips included- No tools required
- Wall mount ready, Optional Pipe mount (see below)

## Swivel Self Aligning Bulkhead



This Self-Aligning Bulkhead is designed to simplify sensor installation on dome top tanks. When mounted on a tank, the swivel feature allows the sensor to be precisely adjusted and aligned to a vertical position.

- 20° Rotation Angle
- Corrosion Resistant

Additional Mounting Options, ordered individually if needed.

<p><b>Pipe Clamp Mount:</b> Avail in 1" / 2" / 3" to mount to Fill pipe, overflow pipe, etc if present on tank or nearby.</p>	<p><b>LB75 Mount:</b> 2 in FNPT / PVC body / Mounting legs with tape to mount radar sensor on dome.</p>	<p><b>LB50 Mount:</b> 2 in FNPT / Glass-Filled Polypropylene body to mount radar sensor above tank.</p>