

# Radar Level Sensor For Continuous, Non-Contact Tank Level Sensing Applications

Designed For Reliable Performance in Small & Large Tanks

## Compact Design

Small Footprint for Flexibility in Restricted Spaces

## Premium Housing Material

PVDF Housing Material Grants High Temperature Resistance & Chemical Inertness to Most Medias



## Easy to Configure

Simplified Programming & Setup via Bluetooth® Connection; Run Diagnostics to View Signal Strength & Tank Obstructions

## Pulsed Radar System

No Contact Required, No Moving Parts & Reliable Continuous Sensing in the Toughest Applications

## Adaptable to Fit Your Tank Needs

Our programmable design makes it easier to install and tailor to the application.

## Compact Sensor That Doesn't Compromise Durability

The PVDF housing offers compatibility and a small overall footprint for a wide variety of level applications.

## Multiple Output Options

All models come standard with 4-20 mA or MODBUS® output formats.

## 50-Foot Measuring Range

Compatible with applications with tank depths from 1 foot (0.3 meters) to 49.21 feet (15 meters), with a 6" (152.4 mm) dead band near the sensor.



**RLI-80 Series**

# Ready to Serve Your Tank Monitoring Applications



**Water & Wastewater**



**Fuel Tank Farms**



**HVAC / Air Conditioning Systems**



**Cooling Towers**



**Agricultural Tanks & Equipment**



**Water Purification**

### RLI-80 Series Competitive Advantages

- ✓ **Adaptable to Fit Your Specific Tank** – Easy step by step programming
- ✓ **PVDF Housing Material** – Resistant to high temperatures and chemically inert to most medias
- ✓ **Compact Design** – Designed to adapt to restricted spaces
- ✓ **Ease of Specification** – Made for a wide variety of tank designs
- ✓ **Approvals** – UL, CUL, CE, ATEX/IECEX

### RLI-80 Series Options

- ✓ **Materials of Construction**
  - PVDF Housing
  - FKM Seal
- ✓ **Sensor Size**
  - 3.19" (81 mm) diameter by 6.04" (153.4 mm)
- ✓ **Sensor Beam Angle**
  - 8°
- ✓ **Mounting Types**
  - 2" NPT (Process)
  - 1¼"-12 (Bracket Mounting)
- ✓ **Electrical Connections**
  - 15' (4.57 m) or 30' (9.14 m) TPE Jacketed Cable
- ✓ **Ingress Protection**
  - I67 Rated
- ✓ **Sensing Range**
  - Min. Depth: 1' (0.3 m)
  - Max. Range: 49.21' (15 m)
- ✓ **Output Options**
  - 4-20 mA (2-Wire)
  - MODBUS® (4-Wire)
- ✓ **Accuracy**
  - ± 0.02" (5 mm)
- ✓ **Sensor Programming**
  - PC via GemsView
  - Smartphone/Tablet/PC via Bluetooth®

Bluetooth® is a registered trademark of Bluetooth SIG, Inc. in Kirkland, WA.  
MODBUS® is a registered trademark of Schneider Electric USA, Inc. in Palatine, IL.

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LS-800 Float-Type Level Sensor



XM/XM-700 Continuous Level Transmitter



XM/XM-800 Continuous Level Transmitter



RLI-G Guided Wave Radar



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