

Radars 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** – 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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