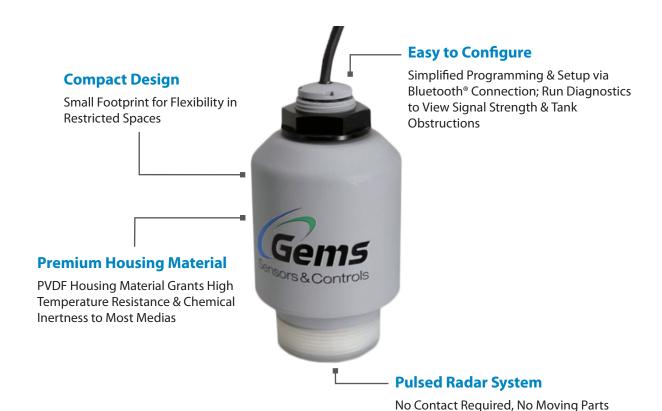


## Radar Level Sensor For Continuous, Non-Contact Tank Level Sensing Applications

Designed For Reliable Performance in Small & Large Tanks



## **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**

**Toughest Applications** 

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

& Reliable Continuous Sensing in the

### **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)
  - 11/4"-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
  - $\pm 0.02$ " (5 mm)

#### Sensor Programming

- PC via GemsView
- Smartphone/Tablet/PC via Bluetooth®

 $Blue tooth ^o is a registered trademark of Blue tooth SIG, Inc. in Kirkland, WA. \\ MODBUS ^o is a registered trademark of Schneider Electric USA, Inc. in Palatine, IL. \\$ 

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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



Order from: C A Briggs Company

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