

The Radar Pro™ Level Sensor is a high-precision ultra-low-power millimeter-wave radar level sensor developed and designed for high measurement accuracy, easy integration, and superior interaction performance.

The Radar Pro™ uses non-contact technology, eliminating the need for physical contact with the measured substance, preventing contamination and minimizing maintenance requirements. This sensor can be used in various industries and applications, including liquids, distance, and harsh environments—such as chemical, oil and gas, wastewater treatment, and food processing.

Radar Pro™ Level Sensor

Model	Range: ft (m)	Cable Length: ft (m)
RPRO-2000	32ft (10m)	50ft (15m)

Features

- 80 GHz technology provides reliable, maintenance-free operation
- High precision $\pm 2\text{mm}$
- No-contact measurement
- Resistant to condensation, rain, and corrosion
- Operation is unaffected by temperature, pressure or vacuum
- Proprietary sensing technology includes advanced filtered processing to provide accurate readings and is unaffected by most media, process, or environmental factors
- Lightweight and easy to integrate
- IP67 switch rating
- Two-year limited warranty

Applications

- Water Processing
- Pump Stations
- Stormwater Overflow Tanks
- Level Monitoring

Call us toll-free at 888.733.9283 to speak with one of our expert Sales Engineers!



Technical Specifications

Characteristics	Parameter	Rating
Electrical Properties	Power Requirement	12-30 VDC
	Output Signal	4-20 mA DC, two wire
	Scanning Frequency	76-81 GHz
	Electrical Connection	Wire pigtail
Mechanical Properties	Accuracy	$\pm 2\text{ mm}$
	Working Pressure	-1~3 bar
	Material	Polycarbonate & Fiberglass
	Wetted Materials	PVDF
Operating Condition	Protection Class	IP67
	Operating Temperature	-40 - 85°C (-104 - 185°F)

