



R3 PCR Radar

Key Features

- Mesh network 5 connectivity with Coded PHY Long Range
- 5 year battery with 5 pings per day
- Dual gasket housing seal
- ~5mm precision in most cases.
- Simple connectivity via LevelCo
- 1.5" - 2" NPT Process Connection
- 8m Range

Specifications

Sensing Technology	- Pulsed Coherent Radar
Operating Voltage	- 2 - 5.5 VDC
Operating Signal	- 60 GHz
Idle Current	- 3.75 uA
Operating Temperature	- -40°C to +85°C
Output Signal	- ISM 5 Low Energy
Programmable Units	- mmH2O
Relative Accuracy	- 42um
Housing	- Polycarbonate
Cone angle	- 17°
Beam	- 40° / 80°
Range	- 0.5-8 m
Battery	- 2x AA Energizer Ultimate lithium batteries
Tank Connection	- 1.5" NPT male
CPU	- ARM® Cortex™-M4



Key Applications

- Aggressive Chemicals
- Fuels- Gasoline, Methanol, Diesel
- Acids- Sulfuric Acid, Hydrochloric Acid
- Liquid Fertilizers
- Fracking Fluids
- Lubricants and Oils
- Water, Wastewater

Contact

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