

Radar Level Transmitter for Continuous Measurement

This radar level transmitter is designed for continuous level measurement using non-contact technology. It accurately determines the distance to the surface of liquids or solids within a tank by emitting a radar signal and measuring its reflection time.



Overview

Continuous Radar Level Measurement

This advanced radar level transmitter is engineered for precise continuous measurement in challenging industrial environments. It excels in monitoring corrosive liquids, slurries, and solid particles within storage tanks or process vessels. Featuring a robust, non-contact design, it ensures reliable performance even under varying temperatures and pressures.

Performance Metrics

Performance Indicators

20 m

Measuring Range

10 mm

Accuracy

Technical Specifications

Operating Conditions

Parameter	Range/Value
Working Temperature	-40 ~ 150 °C
Working Pressure	-0.1 ~ 1.6 MPa

Signal and Safety

- Output signal: 4~20mA/HART
- Frequency Range: 6.8GHz
- Explosion-proof Grade: Ex ibIICT6
- Protection Rating: IP67

Installation

Connection Type

Flange Connection

Applications

Suitable Materials

Corrosive Liquids, Sizing Agents, Water, Acids, Alkalis, Slurries, Solid Particles