

SmartLine RM71 Guided Radar (TDR) Level Meter Applications

Level Measurement of Liquids



Honeywell's SmartLine® RM71 is a Guided Radar (TDR: Time Delay Reflectometry) Level Meter for measuring distance, level, interface, level and interface, volume and mass. A version with a remote housing can be mounted up to 14.5 m / 47.6 ft from the probe. The Guided Radar Level Meter has higher signal dynamics and a sharper pulse than conventional TDR devices and therefore better reproducibility and accuracy.

Where can the application be found

Chemicals, Petrochemicals, Oil & Gas, Minerals & Mining, Wastewater and Pulp & Paper

Who is interested in the solution

Instrument engineer, plant manager, maintenance engineer and environmental engineer

Equipment provided

SmartLine RM71 Guided Radar Level Meter

Process description

Honeywell's Guided Radar Level Meter can measure the level of a wide range of liquid products on a large variety of installations, including LPG and LNG. It does not require calibration or commissioning when installed. It can measure any liquid within the stated pressure and temperature range.

A number of probe end attachments are available. For example, the user can fix the end of cable probes to heating coils; this prevents deposits building up on the probe.

For More Information

To learn more about Honeywell's RM71 Guided Radar Level Meter, visit www.honeywell.com/ps or contact your Honeywell account manager.

Automation & Control Solutions

Process Solutions

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Solution description

- Accurate, continuous level measurement
- Overfill/spill protection
- Two wire design reduces installation cost
- Multiple configurations

Benefits

- Improves process monitoring for higher quality product
- Prevention of spills
- Tighter monitoring of process level for reduced inventory cost
- Low installation and maintenance cost
- Design and Installation versatility to meet the specific needs of the application and installation

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