

# SmartLine RM71 Guided Radar (TDR) Level Meter Applications

## Interface 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 interface with or without an air gap. It can also measure level and interface simultaneously. It has an optional second analogue output.

The coaxial probe of the Guided Radar Level Meter has a top dead zone of only 10 mm / 0.4 inches. This makes it ideal for tracking full tank or ballast interface.



### Solution description

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

### 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

### For More Information

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

### Automation & Control Solutions

Process Solutions

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