

# SmartLine RM71 Guided Radar (TDR) Level Meter Applications

## Level Measurement of Liquids in a Still Well



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

You can also install the Honeywell Guided Radar Level Meter in still well if there are vortices, agitators or other obstructions in the tank. It is also suitable for tanks with floating roofs. The Honeywell Guided Radar Level Meter setup wizard allows you to quickly configure your instrument to suit specific types of installations and get the best possible performance from it.

### For More Information

To learn more about how 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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### 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

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