

# SmartLine RM71 Guided Radar (TDR) Level Meter Applications

## Remote Display on High or Inaccessible Tanks



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

If it is difficult or impossible to read the Guided Radar Level Meter integrated display at the top of the tank, Honeywell recommends the remote display variant. It is provided with a cable up to 14.5 m / 47.6 ft. long and a bracket for mounting in an accessible position.



### 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

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