

SmartLine Guided Radar Level Meter



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

Applications

- Blending tanks
- Distillation tanks
- Process tanks
- Separator
- Solid silos (inventory)
- Storage tanks

Highlights

- Displays level and interface
- Easy navigation using a touch screen without opening the housing (installation wizard)
- Configuration software and HART DTMs included as standard
- Optional second current output used for displaying interface measurements
- Higher signal dynamics and sharper pulses improve accuracy
- Display in nine languages, including Chinese, Japanese and Russian

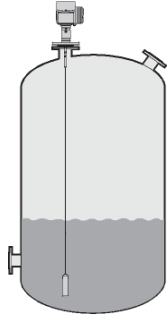
Industries

- Chemicals
- Petrochemicals
- Oil and gas
- Minerals and mining
- Water and wastewater



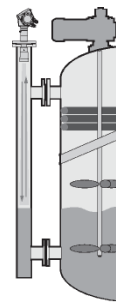
Typical Application Scenarios

Liquid level in storage tanks



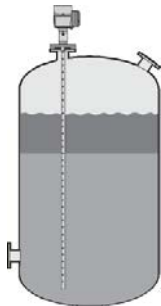
Measures the level of a wide range of liquid products on a large variety of installations, including LPG and LNG. Requires no calibration or commissioning when installed. Measures any liquid within the stated pressure and temperature range.

Bypass chambers



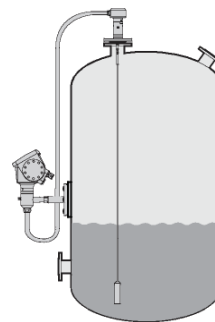
If the tank is full of obstructions such as agitators and reinforcements, Honeywell recommends installing the non-contact radar in a bypass chamber or a stilling well.

Liquid level in process tanks



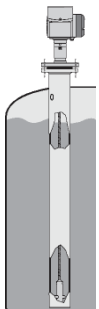
Measures interface with or without an air gap. It can also measure level and interface simultaneously. It has an optional second analogue output. The coaxial probe of the Honeywell Guided Radar Level Meter has a top dead zone of only 10 mm/0.4": This makes it ideal for tracking full tank or ballast interface.

Remote Display



If it is difficult or impossible to read the Honeywell 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' long and a bracket for mounting in an accessible position.

Still well



You can also install the Honeywell Guided Radar Level Meter in a still well if there are vortices, agitators or other obstructions in the tank. It is also suitable for tanks with floating roofs.

SmartLine® is a registered trademark of Honeywell International Inc.

More Information

For more information, visit www.honeywell.com/ps or contact your Honeywell account manager.

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