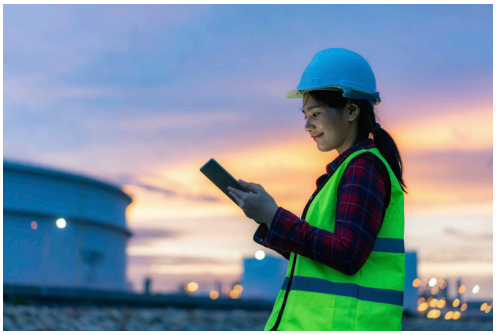
Rosemount 3408 Level Transmitter Non-Contacting Radar

The Smart Way of Measuring Level

Benefit from trouble-free operations while ensuring maximized performance and a safe plant environment. The Rosemount™ 3408 Level Transmitter is equipped with smart features designed to make life easy at every step. Reliable technology, built-in diagnostics, and remote proof-testing help reduce risk, eliminate uncertainty, and ensure plant and personnel safety.

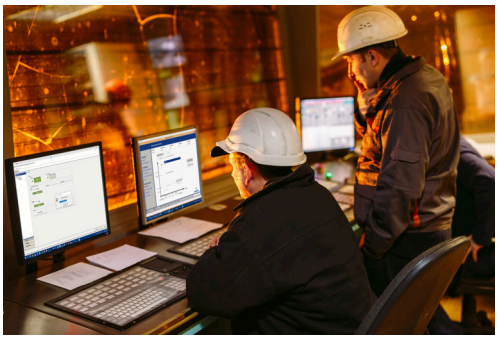


Ease-of-Use at Every Step

- Intuitive setup with informative, dynamic graphics, user-adaptable to the application
- Convenient configuration and service via Bluetooth® and App.
- Schedulable, automatic Smart Meter Verification makes function checks easier than ever

Optimize Operations

- Reliable Fast Sweep FMCW technology built on 50 years of radar level experience
- Continuous health monitoring with proactive process alerts
- Minimize process interruptions with in-situ verification and proof-tests



Increase Plant Safety

- Safety certified to SIL2 for use in safety critical applications
- Optimized design assessed by 3rd party as best-in-class for functional safety applications
- Remote functionality and testing keeps operators away from hazardous areas
- On-board Data Historian enables full insight into past events and alerts

Rosemount 3408 Level Transmitter – Non-Contacting Radar

exida CERTIFIED IEC 61508 SIL 2 CAPABLE

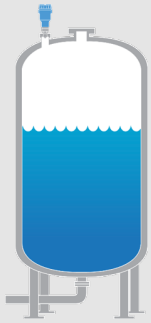
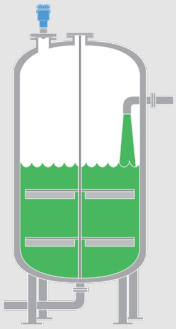
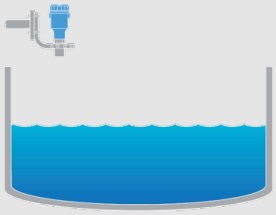
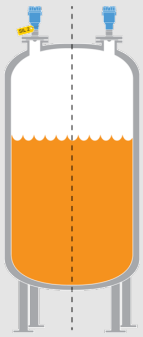
SMART METER VERIFICATION

For more information, visit Emerson.com/Rosemount3408 or contact your local Emerson Sales Representative

EMERSON™

Versatile Non-Contacting Radar for Application Flexibility

Application Examples

Storage Tanks	Mixing Tanks	Open Air Applications	Safety Applications
			
Ensure correct filling and storage levels in your tanks	Gain insights into your process and ensure production runs smoothly without interruption	Get reliable level measurements of sumps or ponds, regardless of challenging surface and weather conditions	Suitable for critical safety applications such as over-fill prevention, dry-run prevention, or level range monitoring

Specifications	
Communication protocol	4-20mA HART
Accuracy	±0.04 inches (± 1 milimeter)
Max measuring range	98 feet (30 meter)
Process pressure	Full vacuum to 363 psi (25 bar)
Process temperature	-76 to 392 °F (-60 to 200 °C)
Hazardous area approvals	ATEX/UKEX, IECEx, FM, CSA
Safety Instrumented Systems	IEC 61508 safety certified to SIL 2
Approvals and certificates	NAMUR, CRN, WHG/TÜV
Antennas	Process seal, Lens, ATAP Lens

*See product data sheet for full specifications.

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