



SMARTLINK TM400 RADAR

The SMARTLink TM400 is an intrinsically safe cellular radar level sensor (UL 913 Class 1 Division 1 Zone 0 certified). It uses radar technology to measure the fluid liquid level of a tank being monitored and then communicates this data to our SMARTLink platform. The data is then used to provide reporting that improves efficiency and helps your business make more money. The TM400 is specifically designed to be low profile and have no contact with the tanks contents.

FEATURES

- Non-invasive tank monitoring
- Accurate and reliable measurements to 4mm
- Easy to install - *No holes to drill*
- Lithium battery operated - *Up to 10 year life*
- Multiple carrier options
- GPS/GLONASS Global Positioning Enabled
- SMARTLink Monitoring Solutions Platform
 - Configurable Alarms (*High and Low Levels*)
 - Level history tracking
 - Customizable Reporting
- Immediate alarm notifications via email/SMS
- Works with all types of stored materials
- Works with various tank shapes and sizes
- IP68 protected and FCC approved
- 1-year warranty



Recommended for remote liquid level monitoring:

- | | |
|--|--------------|
| • Diesel fuel | • Chemicals |
| • Motor oil | • Water |
| • Hydraulic fluid | • Additives |
| • Waste Oil | • Lubricants |
| • Other hazardous/
non-hazardous liquid | • Petroleum |



HELPING YOU MEASURE RESULTS

For more information contact your SMARTLink Account Rep or contact us at info@smartlinkms.com

Benefits of Radar Tank Monitoring

—High Accuracy and Precision

Our FCC approved and C1D1/ATEX certified 60 GHz radar monitor provides for accurate and precise level measurements, to mm accuracy, offering reliable data for inventory management and process control.

—Non-Contact Measurement

Being a non-contact technology, the TM400's state of the art 60 GHz radar avoids physical contact with the liquid, reducing the risk of sensor contamination, corrosion, or wear and tear over time.

—Versatility in Tank Types

The TM400 radar unit is versatile and can be employed in various types of tanks, including those with challenging conditions such as high temperatures, pressure, or more corrosive materials.

—Minimal Environmental Interference

Unlike other sensor types, the TM400's radar sensor is less affected by environmental factors like temperature, humidity, or vapor, ensuring consistent performance in diverse conditions

—Adaptability to Harsh Environments

The TM400's radar technology is well-suited for harsh industrial environments, making it reliable in applications where competing sensors might struggle due to extreme conditions.

—Excellent Signal Resolution

The high frequency of the TM400's 60 GHz radar allows for superior signal resolution, enabling precise measurement in tanks with complex geometries or internal structures.

—Longer Measurement Range

The 60 GHz radar units often have a longer measurement range compared to many competing sensor technologies, making it suitable for tanks with large dimensions or where measurements need to be taken over an extended distance.

—Reduced Maintenance Requirements

Non-contact measurement reduces wear and tear on the sensor, leading to lower maintenance requirements and increased operational efficiency.



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