

7200 Series Radar Tank Gauges

Smart Transmitter for continuous and non-contact level measurement. Cost-effective 4...20 mA 2-wire technology. Suitable for hazardous locations.

Varec®



FuelsManager®
Compatibility

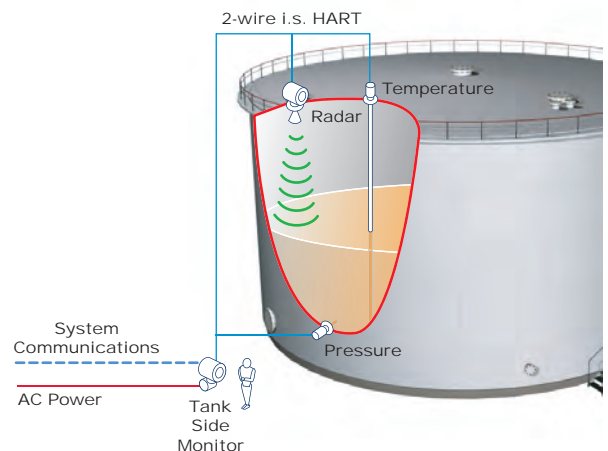


Your benefits

- 2-wire technology, low price: A real alternative to differential pressure, floats and displacers. 2-wire technology reduces wiring costs and allows easy implementation into existing systems.
- Non-contact measurement: Measurement is almost independent from product properties.
- Easy on-site operation via menu-driven alphanumeric display.
- Easy commissioning, documentation and diagnostics via operating software (ToF Tool).
- 2 frequency ranges – 7230 RTG in the C-band and 7240/7245 RTG in the K-band: No compromises, the right frequency for every application.
- HART or PROFIBUS PA respectively FOUNDATION Fieldbus protocol.
- High temperatures: Suitable for process temperatures up to 200 °C (392 °F), up to 400 °C (752 °F) with high-temperature antenna.
- Application in safety related systems (overspill protection) with requirements for functional safety up to SIL 2 in accordance to IEC 61508/IEC 61511-1.

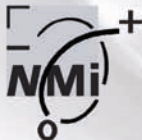
Application

The 7200 Series Radar Tank Gauges is used for continuous, non-contact level measurement of bulk liquid inventories. The measurement is not affected by changing media, temperature changes, gas blankets or vapours.



7500 Series Radar Tank Gauges

Continuous and non-contact precision level measurement for custody transfer and inventory control applications with NMI and PTB approvals.



FuelsManager[®]
Compatibility



Benefits

- 0.5 mm accuracy (2σ value)
- National approvals (NMI, PTB) for custody transfer.
- Applicable as stand-alone system or tied into tank gauging systems via the 4590 Tank Side Monitor.
- Easy on-site operation via menu-driven alphanumeric display.
- Easy commissioning, documentation and diagnostics via operating software (ToF Tool).
- Application-specific antenna selection. Planar antenna versions allow direct installation on tapered stilling wells.
- Cost-effective and simple installation via 4-wire cable with HART and 24 V DC intrinsically safe power supply.
- Gas-tight process connection (second line of defense) standard for any antenna version.
- Inventory control version with reduced accuracy (3 mm) available for all instrument types.

Application

The 7500 Series Radar Tank Gauges are used for highly accurate level measurement in storage tanks and can be applied in custody transfer applications. It meets the relevant requirements according to OIML R85 and API 3.1B.

