

# OPTIWAVE 1560

**Brand:** Krohne



## Short Description

Radar level transmitter for basic applications with liquids in narrow tanks with internal obstructions Cost-effective non-contact level measurement with longer range and high accuracy Compact and robust 80 GHz radar with flush-mounted concave PVDF Lens antenna, not affected by condensation Measuring range: 0...30 m / 98.4 ft 2-wire 4...20 mA HART®7; user-friendly commissioning via Bluetooth® using the OPTICHECK Level Mobile app

## Description

Compact and economical level radar for high accuracy level measurement of liquids and solids Best-in-class radar, highly flexible to adapt to a large choice of applications in various industries? Robust PVDF housing, also available with display or as an IP68-rated waterproof version designed to withstand heavy rainfall and flooding events for several days Fully potted electronics for use in harsh environments with agitated liquids and vibration PVDF Lens antenna in DN70 / 3" Small beam angle of 4° for reliable level measurement in confined spaces of tanks, extremely narrow vessels, nozzles and holes Unique in its class: 3" threaded connection fits flanges and accessories without protruding into nozzles of silos or tanks Antenna material is chemically resistant to a wide range of products Special concave antenna design: self-draining in the event of condensation for optimum signal strength and stable measurement at all times Flush-mounted, virtually no dead zone Extremely high dynamics for reliable level measurement also in the event of dust, condensation, vibration Ideal solution for high accuracy requirements User-friendly device installation and set-up, easy commissioning possible without prior knowledge Via Bluetooth® in combination with mobile phone or tablet and the OPTICHECK Level Mobile app Offers pre-configured application templates for easy installation via

smartphone or tablet Provides a high degree of flexibility and adaptability: can be easily switched to other applications vessel parameters Via HART® using the OPTICHECK DTM with quick set-up assistant Features OPTICHECK technology built-in Enhanced device diagnostics On-site verification without process interruption using the OPTICHECK service tools Verification report about device status with one click Drift-free and maintenance-free, no need for recalibration TBM (Tank Bottom Management) ensures reliable measurement even in empty tanks Dedicated algorithms to filter and compensate for irregular radar wave reflections that occur at tank bottom when the vessel is empty Allows for quick and easy commissioning of tanks regardless of their size, material or geometry Delivered with a 5 m / 16.4 ft shielded cable Large choice of accessories available - from orientation kits to brackets and low pressure flanges to weather protections and purging kits 3-year warranty

## **Product Gallery**

