

OPTIWAVE 1530

Brand: Krohne



Short Description

Radar level transmitter for basic applications with minerals and other solids Cost-effective non-contact level measurement of storage silos, stockpiles, crushers, conveyor belts, narrow tanks, poorly reflecting or agitated liquids Compact and robust 80 GHz radar with flush-mounted concave PVDF Lens antenna and fully potted electronics for use in dusty and vibrating environments Measuring range: 0...15 m / 49.2 ft 2-wire 4...20 mA HART®7; user-friendly commissioning via Bluetooth® using the OPTICHECK Level Mobile app

Description

Very economical level radar with outstanding price-performance ratio Fully potted electronics for use in harsh environments with dusty atmospheres and vibration PVDF Lens antenna in DN70 / 3" Small beam angle of 4° for reliable level measurement in confined spaces of crushers, narrow silos and tanks, etc. 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 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 standard 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 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

