

OPTIWAVE 1520

Brand: Krohne



Short Description

Radar level transmitter for basic applications with liquids and granulates Cost-effective non-contact level measurement in tanks (up to 5 bar / 72.5 psi), (waste)water basins, pumping stations, etc. Compact and robust 80 GHz radar with flush-mounted PVDF Lens antenna; waterproof (IP68) version also available Measuring range: 0...10 m / 32.8 ft 2-wire 4...20 mA HART®7; user-friendly commissioning via Bluetooth® using the OPTICHECK Level Mobile app

Description

Very economical level solution for simple applications with moderate accuracy requirements (± 5 mm / ± 0.2 in) Robust PVDF housing, also available as an IP68-rated waterproof version designed to withstand heavy rainfall and flooding events for several days PVDF Lens antenna in DN40 / 1½" Virtually no dead zone Small beam angle of 8° for reliable level measurement in narrow tanks and basins Antenna material is chemically resistant to a wide range of products Extremely high dynamics for reliable level measurement also in the event of condensation or agitated surfaces 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 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 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 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

