

OPTIWAVE 7400

Brand: Krohne



Short Description

Radar level transmitter for advanced applications with agitated and corrosive liquids
Continuous, non-contact level measurement in harsh environments 24 GHz radar, Horn
or Drop antennas Measuring range: 0...100 m / 328 ft -50...+200°C / -58...+392°F, up to
+700°C / +1292°F in non-ex applications; -1...100 barg / -14.5...1450 psig (higher on
request)

Description

2-wire, loop-powered, with HART®7 Distance piece for non-ex applications with molten
salt or other high temperature liquids of up to +700°C / +1292°F PTFE or PEEK Drop
antennas: Insensitive to condensation Small beam angle (4° with DN150 / 6? PTFE
antenna) Ellipsoidal shape and smooth surface to minimise scaling PTFE flange plate
protection for corrosive media New DN100 / 4" Drop antenna for distances up to 80 m /
262.5 ft 316L Metallic Horn antennas with optional purging system Heating / cooling
systems to prevent crystallisation or build-up in Metallic Horn antennas 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 ±2 mm / ±0.08? accuracy METAGLAS®
second sealing barrier for toxic and dangerous liquids Antenna extensions to suit any
nozzle length Empty tank spectrum function eliminates false reflections caused by tank
internals Large choice of flange and thread connections Quick Coupling system permits
removal of the converter under process conditions and 360° rotation for easy reading of
display Converter compatible with all OPTIWAVE 7300 C flange connections Large,
backlit LCD screen with 4-button keypad for operation with bar magnet; no need to open

the housing cover PACTware™, HART® DD and DTM provided free of charge with full functionality Extensive device diagnostics acc. to NAMUR NE 107 SIL 2/3 certified for safety-related applications 3-year warranty

Product Gallery

