

OPTIFLUX 5300

Brand: Krohne



Short Description

Electromagnetic flowmeter for advanced process and master meter applications Highest accuracy ($\pm 0.15\%$), with ceramic tube for aggressive and abrasive liquids ($\geq 70\%$ solid content) up to $+180^{\circ}\text{C}$ / $+356^{\circ}\text{F}$ CT: OIML R117, MI-005 etc. Flange: DN15...300 / $\frac{1}{2}$...12", max. PN40 / ASME Cl 300; Sandwich: DN2.5...100 / $\frac{1}{4}$...4" 3 x 4...20 mA, HART®, Modbus, FF, Profibus-PA/DP, PROFINET

Description

Bi-directional flow measurement over a wide dynamic range (turn down ratio: 1000:1) One of the most accurate EMFs in the market: Only $\pm 0.15\%$ / ± 1 mm/s error of measured value (MV) Transfer standard of international metrological authorities Available with virtual reference grounding method: no grounding rings needed Withstands highly aggressive and abrasive fluids Extensive flowmeter and process diagnostics (incl. NE 107) Fully vacuum-resistant with high-tech ceramic sensor material Fused in-place cermet or platinum electrodes First EMF with ceramic measuring tube to comply with the Pressure Equipment Directive Resistance to corrosion and temperature shocks Available as flange or sandwich (wafer) version No moving parts, no wear, no pressure loss On-site verification of flowmeter with OPTICHECK service tool

Product Gallery

