

New cost-effective TDR level meter

- Introduction of new OPTIFLEX 1100 C TDR guided radar level meter
- 2-wire, loop-powered device for liquids and solids
- Easy installation and setup for reliable readings within minutes

Text:

Duisburg, January 27, 2012: KROHNE introduces the new OPTIFLEX 1100 C level meter for liquids and solids in non-explosive environments. The OPTIFLEX 1100 C offers a cost-effective and higher performing replacement for traditional level meters such as RF capacitance, conductive and pressure level meters.

The OPTIFLEX 1100 C is 2-wire, loop-powered and available with a standard 20 m cable or segmented coaxial probe for liquids and a 10 m cable probe for solids. All probes can be shortened on site and commissioning is completed via an intuitive 5-step "Quick Setup" procedure. The OPTIFLEX 1100 C is available with an integrated display and keypad in the cover so that it is not necessary to open the housing cover for configuration. A blind version is also available. Multiple blind versions can be configured on site, using a single HMI (Human-Machine Interface) service tool.

The OPTIFLEX 1100 C uses TDR (Time Domain Reflectometry) technology. This state-of-the-art technology measures level independent from physical property variations such as dielectric constants, pressure or density. Unlike traditional meters, OPTIFLEX 1100 C does not need any wet calibration, is immune to linearity problems in irregular tank shapes and has neither fragile nor moving parts.

The OPTIFLEX 1100 C is the latest addition to the popular OPTIFLEX product family next to the existing high-precision OPTIFLEX 1300 C TDR level meter, which is used in hazardous environments such as the chemical, oil & gas, and mining industries.

About KROHNE: KROHNE is a full-service provider for process measuring technology for the measurement of flow, mass flow, level, pressure and temperature as well as analytical tasks. Founded in 1921 and headquartered in Duisburg, Germany, the company employs over 2,600 people all over the world and is present on all continents. KROHNE stands for innovation and maximum product quality and is one of the market leaders in industrial process measuring technology.

Picture:



Caption: New OPTIFLEX 1100 TDR guided radar level meter

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