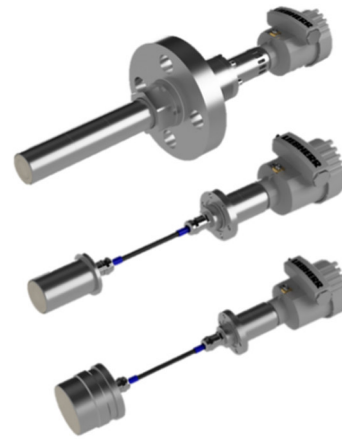


Job report

Water Content Measurement Oil and other liquids, water cut application



Customer value

- Exact determination and monitoring of water content, (crude, oil, diesel, fuel, ethanol, solvents, mud...)
- Quality assurance and process safety
- Transparency through recording and logging of all data
- Process analysis, control and analysis
- Fully automated processes

Applications

- Exploration (Offshore, Onshore)
- Production, Refining
- Tank Inventory Management (tank dewatering)
- Logistics

Tasks

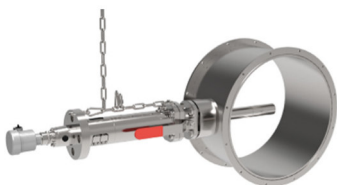
- Water content detection in raw medium and finished products.
- Measurement in different production plants (e.g.: pipes and tanks)
- Monitoring and controlling of production processes
- Implementation of values in PLC System

Features

- For Ex atmospheres up to Zone 0 (Gas)
- Measuring range 0 – 100 % water content
- Up to 80 °C process temperature
- Up to 75 bar process pressure
- Retractable fitting available
- Material: 1.4571 (optional: 2.4819, Hastelloy)
- Different length or variations
- Liebherr firmware

Solution

- Determining of suitable installation location
- Selection of suitable Liebherr sensor and accessories
- Mechanical installation at measuring location
- Parameterization with start-up on site
- Data transfer of measurement values to PLC.



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