

Liquidew I.S.

Brand: Michell Instruments



Short Description

Simple operation, economical and low maintenance. Retrofit functionality, easy to integrate into existing sampling or distribution systems. High integrity moisture in liquid measurement from 0.01 ppm W to saturation point Multi-channel with up to four completely independent measurement channels. Robust design for undisturbed operation in many non-polar liquids for extended periods. Three configurable 4...20 mA outputs and Modbus RTU-based digital communication. Sensor element replaceable by Michell Calibration Exchange Service for reliable and low-cost calibration. NIST and NPL traceable calibration Available version Optional, highly reliable and economical 2- wire O2 loop transmitter.

Description

Intrinsically safe moisture analyzer for liquids, providing fast and reliable online measurements. Continuous online measurement enables process monitoring and control to maximize efficiency for production and maintenance. Based on the Michell Ceramic Metal-Oxide Humidity Sensor, the Liquidew IS measures traced humidity in a wide variety of non-polar liquids. It is fully certified for use in hazardous areas and typical applications include humidity control for oil refineries and petrochemical processing. Optional electrochemical oxygen sensors offer additional capability for percentage and ppm V₂O₅ measurements . The multi-channel control unit can also include a gas moisture analysis or oxygen measurement function, when combined with the Promet IS gas moisture analyzer or the Minox-i O₂ transmitter .