

## New E+H Turbimax delivers robust turbidity measuring in industrial applications

**BURLINGTON, ON, January 2019** – The new Turbimax CUS50D from Endress+Hauser is a highly reliable absorption style sensor for measuring turbidity and suspended solids measurement in hostile environments. It has a robust polymer measuring surface ideal for aggressive media including salt water. The unique dual pathlength design (5 & 10 mm) ensures effective measurements through a large range of applications including very dark liquids and sludges. This special measuring surface minimizes the risk of dirt accumulating and any surface contamination can be eliminated by the sensor's optional air cleaning system.

Consistently accurate measurement results are achieved thanks to advanced digital signal processing in the sensor and Memosens protocol used in the Liquiline analytical product portfolio. The sensor is pre-calibrated for turbidity and absorption measurements and includes various application models. The user just selects the appropriate model and is good to go. A single-point calibration suffices for most applications. That makes it well-suited for a wide range of situations; for example, turbidity measurement in chemical processing, concentration measurement of hot process water in the food industry, and solids measurement in municipal and industrial wastewater.

The new Turbimax CUS50D now joins the proven turbidity sensor family: the universal CUS51D reflective sensor and the highly accurate CUS52D low level turbidity specialist. When solids measurements are critical to a process, there is always the right sensor available from E+H.

### **About Endress+Hauser**

*Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. Our products – sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition – set standards in quality and technology. The company further supports its customers with automation engineering, logistics and IT services and solutions. Founded in 1953 by Georg H Endress and Ludwig Hauser, the Endress+Hauser Group has been solely owned by the Endress family since 1975. Today, the Group is managed and coordinated by a holding company based in Reinach, Switzerland, employing more than 13,000 personnel across the globe. In 2017, the Group generated net sales of over C\$3.3 billion. Endress+Hauser's production centres in 12 countries meet customers' needs and requirements quickly and effectively, while our dedicated sales centres and strong partner network guarantees competent worldwide support.*

**Photo caption:** The Turbimax CUS50D from Endress+Hauser is a robust, highly reliable absorption sensor for measuring turbidity and suspended solids measurement in hostile environments

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