

BrauBeviale 2019: #empowerthefield – release the potential

Endress+Hauser highlights automation concepts and intelligent, self-monitoring measurement technology

At the BrauBeviale 2019 (12 – 14 November 2019) in Nuremberg, Endress+Hauser will be presenting automation concepts and intelligent, self-monitoring measurement technologies that help make production processes safer and more efficient.

Visitors will have the opportunity to learn how they can carry out precise measurements or satisfy process and system requirements in the age of Industry 4.0 with the help of intelligent instruments, complete solutions and services. Endress+Hauser will also present innovative calibration services and demonstrate how field instruments can be utilized to enable applications such as predictive maintenance or efficient asset management.

World's first self-calibrating thermometer – iTHERM TrustSens

The new iTHERM TrustSens makes it possible to carry out continuous, traceable monitoring during the process thanks to a completely automated inline self-calibration function. This unique sensor technology represents a milestone in temperature measurement technology and offers added value, especially for users who need continuous monitoring of heating or sterilization processes. Apart from a high degree of process safety and improved system availability, iTHERM TrustSens furthermore eliminates the risk of nonconformities occurring during production.

#empowerthefield – release the potential

97 percent of all instrument data at the field level is unused. With a live demonstration at its exhibit booth, Endress+Hauser will illustrate how customers can release this hidden potential. To support plant operators with the digitalization of their system components, we have developed our own IIoT ecosystem that focuses on the utilization and management of assets. In combination with the innovative diagnostics information from our Heartbeat technology, for instance, this makes it possible to determine the actual maintenance requirement or prevent unplanned system downtime.

Inline quality control

When it comes to ensuring a consistently high level of quality during product manufacturing, inline measurement technology plays a decisive role. Whether it involves determining the pasteurization units in the heater, measuring the color in liquids or determining concentration-specific parameters via density, measurement values must be precise, reproducible and permanently stable. This is the only way to guarantee the required quality. Regardless of the application, Endress+Hauser offers advice and consultation to find the right solution.

Further exhibit booth highlights

The **Picomag** electromagnetic flowmeter, which offers compact flow measurements with integrated conductivity measurements in a handheld format, is suitable for use with water circulation systems, among other applications. An additional product highlight for 2019 is the **Promass Q** Coriolis-based mass flow measurement instrument for demanding applications. This instrument relies on multi-frequency technology that makes it possible to precisely determine the degree of foam in ice cream or cream cheese, for instance. Another product tailored to the needs of the food industry is the cost-efficient **Nivector FTI26** capacitive level switch for all powders and fine-grained solids. This instrument offers best-in-class build-up monitoring performance. Thanks to IO-Link communications capability, the FTI26 is also Industry 4.0-ready.

Visit us from the 12 – 14 November 2019 at the BrauBeviale in Nuremberg in Hall 6, Booth 6-119.



EH_2019_iTHERM TrustSens.jpg

Like magic: the new iTHERM TrustSens enables continuous, traceable monitoring during the process thanks to a completely automated inline self-calibration function.

The Endress+Hauser Group

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs approximately 14,000 personnel across the globe, generating net sales of over 2.4 billion euros in 2018.

Structure

With dedicated sales centers and a strong network of partners, Endress+Hauser guarantees competent worldwide support. Our production centers in 12 countries meet customers' needs and requirements quickly and effectively. The Group is managed and coordinated by a holding company in Reinach, Switzerland. As a successful family-owned business, Endress+Hauser is set for continued independence and self-reliance.

Products

Endress+Hauser provides sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition. The company supports customers with automation engineering, logistics and IT services and solutions. Our products set standards in quality and technology.

Industries

We work closely with the chemical, petrochemical, food & beverage, oil & gas, water & wastewater, power & energy, life science, primaries & metals, renewable energies, pulp & paper and shipbuilding industries. Endress+Hauser supports its customers in optimizing their processes in terms of reliability, safety, economic efficiency and environmental impact.

History

Founded in 1953 by Georg H Endress and Ludwig Hauser, Endress+Hauser has been solely owned by the Endress family since 1975. The Group has developed from a specialist in level measurement to a provider of complete solutions for industrial measuring technology and automation, with constant expansion into new territories and markets.

For further information, please visit www.endress.com/media-center or www.endress.com

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