

Groundbreaking innovation

iTHERM TrustSens, the self-calibrating thermometer from Endress+Hauser, receives a 2018 Breakthrough Products Award

iTHERM TrustSens, the world's first self-calibrating thermometer for hygienic applications, has been recognized once again: Endress+Hauser is the recipient of the 2018 Breakthrough Products Award. With this award, the industry publication 'Processing' recognizes outstanding product innovations. This is the seventh time TrustSens has been recognized this year.

iTHERM TrustSens is capable of fully traceable self-calibrations without process interruption. This innovative technology relies on the Curie point physics principle and fixed-point calibration method normally employed in lab environments. This compact thermometer was designed specifically for hygienic and aseptic applications in the food & beverage and life sciences industries.

"iTHERM TrustSens minimizes the risk of undetected measurement deviations, improves product safety and prevents system downtime," says Keith Riley, product manager for temperature and pressure at Endress+Hauser USA.

Typical calibration procedures require interruption of the process and the removal of the sensor. Depending on the application, calibrations can occur several times a year and would require a significant amount of time, effort and lost production time. iTHERM TrustSens automatically performs an in-situ calibration during each sterilization in place cycle thus eliminating the risk of undetected drift without interruption to the process. The fully traceable calibration complies with GMP guidelines.

The award

The Breakthrough Products award, which is handed out each year by the US industry publication 'Processing', recognizes innovative technology solutions in the process industry that help users make their systems better, faster and more cost-effective. Nine other companies were recognized in addition to Endress+Hauser. The award follows on the heels of the success of the iTHERM TrustSens in France (Mesures, CFIA), the Czech Republic (Zlatý Amper), the Netherlands (WoTS TechAward 2018) and Germany (HERMES AWARD, AMA Innovationspreis).

Further information about iTHERM TrustSens is available in our video on YouTube:
<https://www.youtube.com/watch?v=zKxuQNABWQI>



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The self-calibrating iTHERM TrustSens thermometer received the Breakthrough Product Award in December 2018 in the United States.



EH_trustsens_1.jpg

Industry specialist: the iTHERM TrustSens from Endress+Hauser was developed specifically for the food & beverage and life sciences industries.



EH_trustsens_2.jpg

Award-winning product: the iTHERM TrustSens from Endress+Hauser has been recognized seven times this year.

The Endress+Hauser Group

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs more than 13,000 personnel across the globe, generating net sales of over 2.2 billion euros in 2017.

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 & metal, 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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