

Leader in innovation

Endress+Hauser receives the Swiss Technology Award for the Promass Q flowmeter

With the Promass Q, Endress+Hauser has won the Swiss Technology Award in the Innovation Leaders category. The Coriolis-based flowmeter, developed especially for applications in the oil & gas and food & beverage industries, was cited for its outstanding measurement accuracy, even in difficult operating conditions. The prize was awarded on Thursday during the Swiss Innovation Forum.

The Swiss Technology Award is considered Switzerland's most important innovation and technology prize. Endress+Hauser was one of nine finalists out of 60 applicants who were selected to present their product or technological innovation to the main jury. The winners were chosen and recognized in front of more than 1,000 guests from business, science and government during the Swiss Innovation Forum in Basel, Switzerland.

"With the Promass Q, we managed to combine state-of-the-art technology, innovative design and superior quality in a single instrument. We are proud that our efforts have been recognized with the Swiss Technology Award," says Dr. Martin Anklin, who is responsible for the development of Coriolis instruments at Endress+Hauser Flowtec in Reinach, the Group's center of competence for flow measurement technology.

Sustained innovation

The Switzerland-based measurement and automation technology specialist places a high value on research and development. In 2016, global R&D investments at the Endress+Hauser Group were 7.8 percent of sales. The consistently high number of patent filings in all application areas of measurement technology furthermore illustrates the family-owned company's sustained innovation strength.

Promass Q – the specialist for demanding applications

A high degree of measurement accuracy is extremely important in a wide range of industrial applications. In the past, however, this required an ideal environment with stable process conditions and single-phase, homogeneous media. With the Promass Q, Endress+Hauser guarantees unrivalled accuracy when measuring mass flow, volume flow and density, even under fluctuating process conditions.

With the Promass Q, Endress+Hauser has forged a new approach for precisely measuring gaseous media. The innovative multi-frequency technology (MFT) for Coriolis flow measurements makes it possible to actively compensate for measurement errors caused by entrained gas trapped in the medium, all in real-time. Integrated diagnostics and Heartbeat technology furthermore allow verification of the sensors, measurement tubes and measurement electronics while the process is running. This guarantees maximum product and process safety.

The Swiss Technology Award

The Swiss Technology Award recognizes innovative technology projects from businesses and universities. The prize, which has been awarded by organizers of the Swiss Economic Forum since 2007, identifies technology innovations and developments that make an important contribution to industry and society. From all the projects submitted, an interdisciplinary panel of experts select nine finalists, three each in the categories Inventors, Start-ups and Innovation Leaders. The awards are presented during the Swiss Innovation Forum in Basel.



EH_Swiss Technology Award.jpg

Proud winners: Endress+Hauser developers Dr. Wolfgang Drahm (left) and Dr. Martin Anklin (right) with the Swiss Technology Award.



EH_Promass Q.jpg

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The Endress+Hauser Group

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs 13,000 personnel across the globe, generating net sales of more than 2.1 billion euros in 2016.

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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