

Endress+Hauser acquires SensAction

Concentration measurement technology bolsters flow portfolio

Endress+Hauser has acquired SensAction AG, a manufacturer of innovative systems for measuring the concentration of liquids. With this move, the Switzerland-based Group intends to strengthen its quality measurement portfolio. SensAction will remain headquartered in Coburg, Germany and keep the current staff of 13 employees.

SensAction will operate as a division of the Endress+Hauser center of competence for flow measurement technology headquartered in Reinach, Switzerland. "This innovative technology is an excellent fit with our modern flow measurement portfolio," says Dr Bernd-Josef Schäfer, Managing Director of Endress+Hauser Flowtec AG. "It allows us to further expand our range of products for measuring quality parameters."

Already, Coriolis flow measurement devices from Endress+Hauser can determine not only mass flow, but density as well. Electromagnetic instruments are capable of measuring conductivity parallel to the volume flow. "These physical analysis parameters create direct value-add for the customer," emphasizes Bernd-Josef Schäfer. Endress+Hauser plans to integrate the SensAction instruments into its own program and open up new markets via the Group's international sales structures. In addition, plans are in place to eventually combine the technology direct with Endress+Hauser flow instruments.

Innovative technology

The systems from SensAction measure the concentration of liquids with the help of surface acoustic waves, which are high frequency sound waves whose behavior can be compared to seismic waves created by earthquakes. By analyzing the transmission time and amplitude, the acoustic parameters of the liquid, such as sound wave velocity, impedance and density, can be measured in order to quickly and precisely determine the concentration. Because they contain no moving parts, the systems are maintenance-free and do not suffer from wear-and-tear.

Apart from developing and manufacturing concentration measurement systems, SensAction also offers supplementary services, such as software products that rely on a laboratory measurement to provide a high degree of accuracy and user-friendliness for the customers' applications. The key fields of application for the SensAction instruments include concentration measurements for liquid process media.

The acquisition of SensAction will be effective retroactively from 1 January 2017. Both parties have agreed to not disclose the details of the transaction. Stefan Rothballer and Michael Münch, two of SensAction's founders, will continue to manage the innovative company's business.



EH_sensation_1.jpg

Endress+Hauser has acquired German company SensAction. The company's LiquidSens systems determine the concentration of liquids in process and laboratory using surface acoustic waves.



EH_sensation_2.jpg

The managing directors of SensAction, Stefan Rothballer (left) and Michael Münch.



EH_sensation_3.jpg

The online version of the LiquidSens measurement system for integration in a plant.



EH_sensation_4.jpg

SensAction applies the acoustic waveguide technology for the first time in a mobile instrument.

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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