

# Endress+Hauser flowmeters receive dual approval from the US Environmental Protection Agency

## EPA approves ultrasonic and Coriolis flowmeters for biogas and renewable natural gas measurement

August 20, 2024 – Endress+Hauser today announces that the US Environmental Protection Agency (EPA) has officially approved its ultrasonic and Coriolis flowmeters for measuring biogas and renewable natural gas (RNG) to produce renewable fuels. These approvals are by the regulations at 40 CFR 80.155(a)(1) or (2).

The EPA's approvals follow thorough reviews of the company's alternative measurement protocol (AMP) submissions. Endress+Hauser's Proline Promass Coriolis flowmeters and Proline Prosonic Flow ultrasonic flowmeters have been recognized for meeting the stringent accuracy and precision requirements specified by the EPA. These approvals allow biogas and RNG producers to use Endress+Hauser flowmeters under 40 CFR 80.155(a)(3), provided they meet all other applicable regulatory requirements.

“At Endress+Hauser, we are fully committed to providing unwavering support to the industry and our valued customers by delivering consistent and reliable measurements that meet regulatory requirements,” said Cesar Martinez Castillo, Natural Gas/LNG Industry Marketing Manager at Endress+Hauser USA. “Our flowmeters are designed to ensure accurate and precise measurement, helping producers comply with EPA regulations and contribute to producing renewable fuels. This dual approval underscores our dedication to innovation and excellence in measurement instrumentation.”

The Proline Promass Coriolis flowmeters are renowned for their high accuracy and reliability. These flowmeters can measure mass flow and temperature simultaneously. Regardless of the gas composition and without the need to calibrate in gas, Proline Promass Coriolis flowmeters show outstanding measurement performance, providing comprehensive data crucial for the efficient production of renewable fuels. The EPA's approval of these flowmeters as a measurement protocol highlights their performance and reliability.

Similarly, the Proline Prosonic Flow ultrasonic flowmeters utilize advanced ultrasonic technology to measure the flow of biogas and RNG, calculate the content of methane of it as an important quality feedback, gives feedback about the medium properties like the calorific values and the Wobbe index, ensuring continuous and reliable data collection. Each is designed with integrated temperature and pressure (only Prosonic Flow G) measurements to meet the rigorous demands of industry, also for challenging wet and very low-pressure conditions.

Endress+Hauser's flowmeters play a critical role in supporting the renewable energy sector. By providing accurate and reliable measurements, its products help producers optimize their processes, reduce waste and ensure compliance with regulatory standards. This, in turn, contributes to the broader goal of reducing greenhouse gas emissions and promoting sustainable energy solutions.

To learn more, [click here](#).

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## About Endress+Hauser

Endress+Hauser is a global leader in measurement and automation technology for process and laboratory applications. The family company, headquartered in Reinach, Switzerland, achieved net sales of more than 3.7 billion euros in 2023 with a total workforce of almost 17,000.

Endress+Hauser devices, solutions and services are at home in many industries. Customers thus use them to gain valuable knowledge from their applications. This enables them to improve their products, work economically and at the same time protect people and the environment.

Endress+Hauser is a reliable partner worldwide. Its own sales companies in more than 50 countries as well as representatives in another 70 countries ensure competent support. Production facilities on four continents manufacture quickly and flexibly to the highest quality standards.

Endress+Hauser was founded in 1953 by Georg H Endress and Ludwig Hauser. Ever since, the company has been pushing ahead with the development and use of innovative technologies, now helping to shape the industry's digital transformation. 8,900 patents and applications protect the Group's intellectual property. For further information, please visit [www.endress.com/media-center](http://www.endress.com/media-center) or [www.endress.com](http://www.endress.com).