

ROSEMOUNT™ DP FLOW METERS NOW APPROVED BY ALTERNATE MEASUREMENT PROTOCOLS FOR BIOGAS AND RENEWABLE NATURAL GAS

Rosemount's Differential Pressure (DP) Flow Meters are now approved under recent EPA regulation

The Rosemount™ 3051SFC Compact Orifice Flow Meter and 1595 Conditioning Orifice Plate are now approved by the EPA under the Renewable Fuel Standard.

On October 1st, 2024 the EPA implemented a new regulation called the Renewable Fuel Standard. This standard requires that biogas and renewable natural gas (RNG) used to produce renewable fuels must be measured using methods specified in the regulations of 40 CFR 80.155(a)(1) or (2). The three methods specified in the regulations are single hole orifice plates, vortex meters and thermal mass meters. The regulation also states that parties can seek EPA approval for an alternate measurement method by submitting an alternative measurement protocol (AMP) under 40CFR 80.155(a)(3). There are two Rosemount products officially approved as an AMP, the Rosemount 3051SFC Compact Orifice Flow Meter and the Rosemount 1595 Conditioning Orifice Plate. Based on this approval, the EPA considers these products to be as accurate and precise as the pre-approved methods.

The Rosemount 3051SFA Annubar™ Flow Meter is currently pending approval. In the interim, the number JSDEP-28533 can be used for preliminary approval from the EPA.

Benefits of Rosemount's 3051S MultiVariable Flow Meter:

- **Fast, Real-Time Measurements:** Delivers compensated mass flow readings 22 times per second for quick and accurate results
- **High Accuracy for Gas Applications:** Ensures precise measurements with a range of $\pm 0.5\%$ – 1.0% of the flow rate
- **Exceptional Consistency:** Offers repeatability of 0.10% of the rate in gas applications for dependable performance
- **Complete Integrated Package:** Integral RTD for temperature compensation
- **Low Maintenance Design:** With no moving parts, maintenance needs are minimal reducing downtime and long-term costs
- **Long-Lasting Durability:** Designed to last up to 20 years in service, providing a reliable, long-term solution

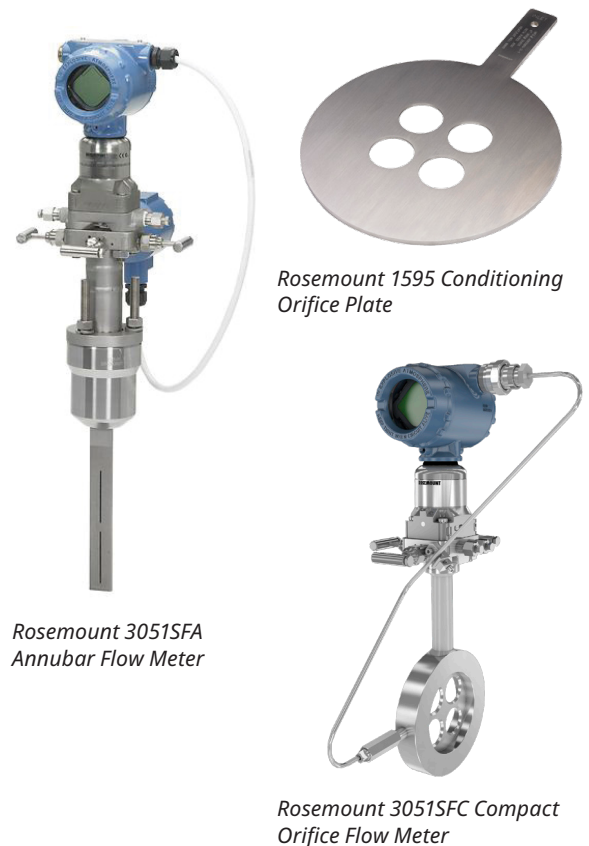
Pair a Rosemount Conditioning Orifice Plate or Annubar with the 3051S MultiVariable Transmitter for a fully approved solution.

For more information, visit
[Emerson.com/FlowMeasurement](https://www.emerson.com/FlowMeasurement)

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ROSEMOUNT™



Rosemount 3051SFA
Annubar Flow Meter

Rosemount 1595 Conditioning
Orifice Plate

Rosemount 3051SFC Compact
Orifice Flow Meter

Want more information?

[Click here](#) to visit the Alternate Measurement Protocols for Biogas and Renewable Natural Gas page showing the Rosemount products listed above as approved under this regulation on the EPA website.


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