

Rosemount™ 3051HT Hygienic Pressure Transmitter

Industry-leading batch repeatability



Challenge

Life Sciences and Food and Beverage industries are facing continuous pressure to reduce costs and cycle time in order to increase batch quality and yields – all while complying with demanding industry regulations.

Our Solution

The Rosemount 3051HT Hygienic Pressure Transmitter places Emerson's proven sensor technologies in a sanitary package to provide industry-leading batch repeatability which meets 3-A, EHEDG, and ASME BPE industry standards.

How It Works

Increase batch consistency and achieve repeatable measurements without extensive calibrations using the Rosemount 3051HT. Polished stainless steel housing ensures easy cleaning and multiple process connection and surface finish options are available to uniquely suit a wide variety of hygienic applications. A robust design also offers:

- Sensor technology provides excellent batch repeatability up to $\pm 0.02\%$ upper range limit for 60 batches
- Withstands washdown conditions (IP66/68 rated) for long-term performance and durability
- Best-in-class stability decreases operating costs and extends maintenance intervals



WHAT IF...

...you could improve batch quality and repeatability?

...you could easily comply with demanding industry standards and regulations?



For more information, visit [Emerson.com/Rosemount-3051HT](https://www.emerson.com/Rosemount-3051HT) or contact your local Emerson Sales Representative



Rosemount 3051HT Hygienic Pressure Transmitter

Advanced Capabilities

Best-in-Class Performance

- 0.065% span reference accuracy
- 100:1 rangedown
- CIP/SIP up to 302 °F (150 °C)
- 5-year stability

Local Operator Interface (LOI)

Simplify commissioning and routine maintenance operations with the Local Operator Interface's built-in configuration buttons and straightforward menus.

Loop Integrity Diagnostic

Proactively detect electrical loop integrity issues resulting from factors such as corrosion, moisture, or power supply failures before they cause unplanned downtime with the Loop Integrity Diagnostic.



EMERSON'S PORTFOLIO OF HYGIENIC INSTRUMENTS AND SOLUTIONS

PRESSURE	LEVEL	TEMPERATURE	WIRELESS
Transmitter & Remote Seals	Continuous & Point	Transmitters & Sensors	Transmitters & Infrastructure
ANALYTICAL	PACKAGING SOLUTIONS	FLOW	LIFECYCLE SERVICES
Transmitters, Analyzers & Sensors	Inline Leak Detection	Coriolis & Magnetic	Training and Support

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Consider It Solved.

Emerson Automation Solutions supports you with innovative technologies and expertise to address your toughest challenges.

For more information, visit [Emerson.com/Rosemount-3051HT](https://www.emerson.com/Rosemount-3051HT)