

# ROSEMOUNT™ 4051S PRESSURE TRANSMITTER

The most advanced pressure measurement we've ever engineered.

## Revolutionize How You Measure Pressure

The all-new Rosemount 4051S Pressure Transmitter offers superior accuracy, minimal maintenance and exceptional durability, making it a trusted choice for reliable and precise pressure measurement solutions.

It's ideal for gage, absolute and differential pressure applications including manifolds, seal(s) and primary elements. Designed to meet your various measurement needs, the Rosemount 4051S Transmitter is the premier solution for pressure, differential pressure level and differential pressure flow measurement.

With innovative features that help make your life easier, the Rosemount 4051S Pressure Transmitter gives you more – more flexibility, more performance, and more insights.

## Easier to Use

The Rosemount 4051S Pressure Transmitter includes innovative features designed with you in mind:

- Graphical backlit display is larger, easier to read & available in seven languages
- Intuitive user interface, so there's less guessing
- Simplify configuration & maintenance with Bluetooth® connectivity
- Easily configure for flow & level

## Reliable Relay Switches

Pressure switches provide enhanced asset protection and maintain system safety, preventing overpressure conditions.

- Reduce accuracy & reliability issues that can happen with standalone switches
- Enable discrete control capabilities for installations without a PLC or DCS
- Control equipment based on pressure, flow, or level variables and know your switch is correctly configured and working
- SIS applications provide redundant SIS path to final control element



*Rosemount 4051S Coplanar™ Pressure Transmitter*

### **0.025% Accuracy**

Get more confident control and more optimized operations with industry-leading accuracy.

### **20 Year Stability**

Worry-free operation with all-welded hermetically sealed SuperModule™ construction enables two decades of stability.

### **800:1 Universal Range**

Simplify inventory, eliminate project uncertainty and reduce the number of unique models you need to stock.

### **20 Year Warranty**

As the first pressure transmitter to offer a 20-year warranty, take confidence in knowing it is engineered to last.

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## By the Numbers

**40 ms**

Time Response

Gain complete control of your process with high-speed response to process changes.

**7**

Display Languages

Available in your language including English, Chinese, French, German, Italian, Portuguese and Spanish.

**10x**

Faster Bluetooth® Connectivity

Keeps your personnel safe by avoiding hazardous locations. Plus, perform configuration, maintenance & troubleshooting faster.

**43%**

Larger Backlit Graphical Display

Do more with a larger screen that's easier to read, gives you more information and simplifies troubleshooting.

**0**

Process Shutdowns

Avoid process shutdowns and increase uptime with advanced diagnostics and process alerts.

**6+**

Dynamic Variables

Customize device to specific applications whether it be pressure, flow or level.

**2**

Integral Relay Switches

Pressure switches give you greater asset protection and can help prevent overpressure conditions.

## Pressure, Level, Flow Solutions for All of Your Application Needs



*Rosemount 4051S Transmitters for Pressure*



*Rosemount 4051S Transmitters for DP Level*



*Rosemount 4051S Transmitters for DP Flow*

For more information, visit  
[Emerson.com/Rosemount4051S](https://www.emerson.com/Rosemount4051S)

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