

ROSEMOUNT 2088 PRESSURE TRANSMITTERS

Achieve reliable pressure measurements quickly and easily.

The Challenge

Getting production started on your new wells and keeping your existing wells producing are your top priorities, neither of which is an easy task. The last thing you need are more challenges from your instrumentation. Startup and production can be interrupted by unreliable, hard to use measurement devices. With the Rosemount™ 2088 Pressure Transmitter, you can prevent unnecessary delays. Arriving factory configured and calibrated, the Rosemount 2088 Pressure Transmitter will deliver reliable performance and repeatability over the life of your well.

Solutions & Experience You Can Trust

- Emerson has the industry's broadest offering of pressure, level, and flow solutions to meet your demanding application needs for safety, control, and monitoring.
- With 50 years of proven history and over 15,000,000 installed devices, Emerson brings unmatched experience and reliability to pressure measurement.

Start Up Faster & Easier

- Install the factory-calibrated Rosemount 2088 Pressure Transmitter right out of the box, already configured to your specifications.
- Start up faster with integral manifolds that are factory-installed and leak checked.
- Get your Rosemount 2088 Pressure Transmitter quickly with on-demand delivery or order it now through the Emerson website.

Reduce Costs

- Decrease total cost of ownership by reducing calibrations, maintenance, and replacements with best-in-class reliability, stability, and performance.
- Increase measurement reliability and reduce risk from electrical storms with transient protection.

Complete Work Efficiently With No Additional Training

- Commission the Rosemount 2088 Pressure Transmitter in less than a minute with the Local Operator Interface (LOI).
- Reduce hot work permits with external configuration buttons on the LOI (cover removal is not required to configure device).
- Perform tasks without any additional tools or training using external buttons – saving you time and money at every device.



Rosemount™ 2088 Gauge and Absolute Pressure Transmitter

"The average cost of unplanned downtime in the Oil and Gas industry is \$48,000 per hour."

–ARC Advisory Group

ROSEMOUNT 2088 PRESSURE TRANSMITTER

Emerson has improved the Rosemount 2088 Pressure Transmitter with new standard features, performance improvements and capabilities.

PRODUCT CAPABILITIES

Performance Improvements

- 3 Year Stability, 0.1% URL
- 0.065% Optional Span Reference Accuracy
- 50:1 Rangedown
- Low Temp LCD/LOI -40°C

Local Operator Interface (specify M4)

The LOI features straightforward menus and built-in configuration buttons so you can commission the device in less than a minute without complicated training or tools (even in hazardous-area locations) without opening the transmitter housing.

External Configuration Button Options

External buttons are isolated from the transmitter electronics so you can configure in hazardous areas. You can also specify what the buttons do:

- Local Operator Interface (specify M4)
- Digital Zero – Compensates for mounting position effects (specify DZ)
- Analog Zero and Span – Re-range transmitter with applied pressure (specify D4)

Scaled Variable

The Rosemount 2088 Pressure Transmitter's scaled variable feature means you can configure the output in engineering units for your specific application, reducing complexity.



Selectable HART® Protocol

Protect your investment with selectable HART® protocol revision. Because the Rosemount 2088 Pressure Transmitter is field configurable to revision 5 or 7, you can match current and future system capabilities.

For more information, visit [Emerson.com/Rosemount2088](https://www.emerson.com/Rosemount2088)

The Emerson logo is a trademark and service mark of Emerson Electric Co. Rosemount is a registered trademarks of one of the Emerson family of companies. All other marks are the property of their respective owners. ©2025 Emerson Electric Co. All rights reserved.

00807-0100-6169 Rev AB

PRODUCT OFFERING

Transmitter Output

- HART® protocol with 4-20mA or
- 1-5Vdc Low Power output

Pressure Ranges

Available in gauge or absolute to measure up to 10,000 psi

Process Connections

- ½ NPT Female
- Remote seals for level applications
- Integral manifold

Wetted Materials

- 316L SST
- Alloy C-276

NACE Compliance

- Certificate of Compliance to NACE MR0175/ISO
- 15156 for wetted materials (Specify Q15)
- Certificate of Compliance to NACE MR0103 for wetted materials (specify Q25)

Transient Protection (specify T1)

Transient protection terminal block protects against power surges.

Manifolds

Manifolds and transmitters are pre-assembled in the factory, resulting in an integrated assembly that is easier to order, install, operate, and maintain.

