

# Rosemount 2051 Pressure Transmitter

Pressure, Flow, and Level Measurement



Measure Pressure with Confidence

**ROSEMOUNT**

  
**EMERSON**  
Process Management

## Experience Rosemount Reliability

Emerson brings unmatched pressure measurement experience, reliability, and innovation to deliver increased plant productivity, safety, and a lower total cost of ownership. The Rosemount 2051 pressure transmitter family delivers on our global legacy of highly reliable field-proven products.

Utilizing advanced manufacturing techniques based on Lean and Six Sigma quality processes, the 2051 is manufactured at seven strategic ISO 9001:2008 certified facilities around the world.



## Fulfill All Your Application Needs

Improve quality and minimize inventory with industry established specifications and a complete breadth of offering.

- Reference accuracy of 0.065% of span, 5 years installed stability, rangeability of 100:1
- Differential, gage and absolute pressure measurement
- Intelligent device diagnostics for easier troubleshooting
- 4-20mA HART, FOUNDATION™ fieldbus, PROFIBUS PA, 1-5Vdc HART protocols
- EDDL and FDT/DTM Support

## Information for Better Decisions

Task-oriented, user optimized Device Dashboards help configure, calibrate, commission and maintain devices in less time with better results.



### 2051C Coplanar Pressure



### 2051C Traditional Pressure



### 2051T Inline Pressure



### 2051L Level



### 2051CF Flowmeters



### Flexible Process Connections

- Choose from a complete offering of integral, conventional and in-line manifold connection configurations
- Easily connect to existing bi-planar installations with traditional flanges



### Robust in the Harshest Environments

- Improve reliability in hot, viscous or corrosive processes with a seal system
- Advanced manufacturing techniques ensure an air-free, leak-tight system that maintains stability over time



### Integrated Flowmeter Solutions

- Improve flow measurement with an Annubar™, Conditioning orifice, compact orifice or integral orifice flowmeter
- Reduce installed costs with integrated flow solutions that are fully configured, leak-tested and ready to install



## Reduce Your Engineering and Installed Costs

Eliminate costly on-site assembly and reduce leak-points with the flexible coplanar design. The fully configured 2051 assembly arrives leak-tested, calibrated and installation ready.

To experience the Rosemount difference visit [www.rosemount.com/2051](http://www.rosemount.com/2051)

# Rosemount Pressure Measurement Portfolio

Industry-leading pressure, flow, and level solutions

## Rosemount 3051S Series of Instrumentation

- Highest field performance and reliability
- IEC 62591 WirelessHART® for cost effective installations
- MultiVariable™ technology enables fully compensated mass and energy flow
- Advanced Diagnostics provide coverage from the process to the host system
- Electronic Remote Sensors deliver optimized level measurement



## Rosemount 3051 Pressure Transmitters

- Proven industry standard with over 4 million installed
- Best-in-class performance, reliability, and safety
- Complete line of integrated flanges, manifolds, diaphragm seals, and flow elements



## Rosemount 2051 Pressure Transmitters

- Foundation of reliable and safe measurement
- Maximize installation flexibility with Coplanar™ platform



Increase Your Competitiveness at [www.rosemount.com/Pressure](http://www.rosemount.com/Pressure)

The Emerson logo is a trademark and service mark of Emerson Electric Co. Rosemount and the Rosemount logotype are registered trademarks of Rosemount Inc. All other marks are the property of their respective owners. ©2011 Rosemount Inc. All rights reserved.

**Emerson Process Management  
Rosemount Measurement**  
8200 Market Boulevard  
Chanhausen MN 55317 USA  
Tel (USA) 1 800 999 9307  
Tel (International) +1 952 906 8888  
Fax +1 952 949 7001

**Emerson Process Management**  
Blegistrasse 23  
P.O. Box 1046  
CH 6341 Baar  
Switzerland  
Tel +41 (0) 41 768 6111  
Fax +41 (0) 41 768 6300

**Emerson FZE**  
P.O. Box 17033  
Jebel Ali Free Zone  
Dubai UAE  
Tel +971 4 811 8100  
Fax +971 4 886 5465

**Emerson Process Management Asia  
Pacific Pte Ltd**  
1 Pandan Crescent  
Singapore 128461  
Tel +65 6777 8211  
Fax +65 6777 0947  
Service Support Hotline : +65 6770 8711  
Email : [Enquiries@AP.EmersonProcess.com](mailto:Enquiries@AP.EmersonProcess.com)