# **Rosemount 2051 Pressure Transmitter**

Pressure, Flow, and Level Measurement



**Measure Pressure with Confidence** 





# **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.

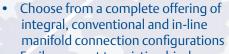
- Reference accuracy of 0.065% of span, 5 years installed stability, rangeability of 100:1
- Differential, gage and absolute pressure measurement
- Intelligent device diagnostics for easier troubleshooting
- 4-20mA HART, FOUNDATION™ fieldbus, PROFIBUS PA, 1-5Vdc HART protocols
- EDDL and FDT/DTM Support

# 2051C **Coplanar Pressure**



2051C **Traditional Pressure** 





• Easily connect to existing bi-planar installations with traditional flanges



# 2051T **Inline Pressure**



# 2051L



#### **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



### **2051CF Flowmeters**

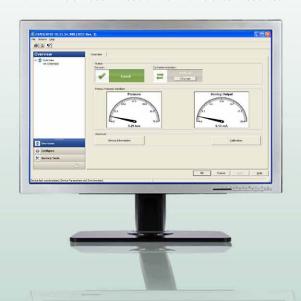


### **Reduce Your Engineering** and Installed Costs

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.

# Information for Better Decisions

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



# **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, diagphragm seals, and flow elements



#### **Rosemount 2051 Pressure Transmitters**

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



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