

Pressure

Rosemount 3051S Series of Instrumentation

- Unique scalable platform enables best practice integrated pressure, flow, and level solutions
- Incorporates latest technology advancements including wireless and diagnostics
- Industry-leading performance and reliability for increased plant productivity

Rosemount 3051 Pressure Transmitter

- Proven industry standard with best-in-class capabilities
- Broadest offering to meet every application need
- Flexible Coplanar™ platform enables integration of manifolds, remote seals and primary elements

Rosemount 3095 MultiVariable™ Mass Flow Transmitter

- “Real-Time” fully-compensated mass flow based on three-in-one differential pressure, line pressure and temperature measurements
- Improve performance and reduce maintenance costs with Ultra for Flow option
- Complies with ISO, AGA, ASME, and API flow measurement standards

Rosemount 1151 Pressure Transmitter

- Proven reliability for over three decades, setting the standard for pressure measurement
- Continuous performance improvements and enhanced capabilities
- Comprehensive offering to meet a wide range of applications

Rosemount 2088 Pressure Transmitter

- Delivers consistent accuracy and stability
- Lightweight, compact design enables cost effective installation
- Optional HART low-power with 1-5 Vdc output

Industry Solutions

Rosemount 2090F Sanitary Pressure Transmitter

- Designed specifically for the biotechnology, pharmaceutical, and food and beverage industries
- Features sanitary process connections with proven technology

Rosemount 4600 Oil and Gas Transmitter

- Compact, lightweight, all-welded stainless steel design ideal for panel mounting
- Available for pressure measurements up to 20,000 psi (1380 bar)
- HART capabilities allow effortless field adjustments and troubleshooting

Rosemount 2090P Pulp and Paper Pressure Transmitter

- Non-clogging flush mount transmitter for the pulp and paper industry
- 1-inch flush mount compatible with a PMC® process connection, or 1½-inch threaded mounting connection
- Features stable performance and a rugged design

Manifolds and Diaphragm Seals

Rosemount Manifolds

- Complete offering of integral, conventional, and in-line configurations
- Integral manifold results in 50% fewer leak points and a 30% reduction in installed costs
- Factory-assembled and leak-tested to reduce risk

Rosemount 1199 Diaphragm Seals

- Flanged, threaded, extended, and sanitary remote seals
- Tuned-Systems™ solutions reduce installed costs by 20% and improve performance by 30%
- Meets requirements of extreme temperatures, pressures, vacuum conditions, and corrosive processes

Comprehensive Product Catalog

Pressure Product Selection Chart

Emerson provides a complete Rosemount pressure measurement family. Use the product selection chart and key below to evaluate and select the best solution. Refer to the flow section of this manual to specify DP Flowmeter solutions.

Models	Performance				Functionality						Application Solutions				Outputs					
	Accuracy	Stability	Extended Warranty	Rangedown	Scalable Platform	Multivariable	Safety Certified	Advanced Diagnostics	Mass Calculations	Data Logging	Manifolds	Diaphragm Seals	Primary Elements	Integrated Flowmeters	HART/ 4-20 mA	FOUNDATION fieldbus	Wireless	Profibus	Low Power (1.5 V)	Modbus
3051S	0.025%	10 yrs.	12 yrs.	200:1	X	*	X	X	X		X	X	X	X	X	X	X			
3095	0.05%	10 yrs.	12 yrs.	100:1		X			X	X	X	X	X	X	X	X				X
3051	0.04%	5 yrs.		100:1			X				X	X	X		X	X		X	X	
1151	0.075%	2 yrs.		50:1							X	X	X		X				X	
2088	0.10%	1 yr.		20:1							X	X			X				X	

X = Available

* = Coming Soon