

Rosemount™ Wireless Pressure Gauge



WHAT IF...

...you could be sure your gauge was delivering accurate information?

...a gauge could help maintain the safety of your plant?

CHALLENGE

Traditional gauges routinely fail, providing unreliable information without any indication. Basing important maintenance decisions on these faulty gauges can negatively impact plant safety and productivity.

OUR SOLUTION

The Rosemount Wireless Pressure Gauge has a robust design that resists common failures, delivers dependable information about plant equipment and constantly informs users of its status.

HOW IT WORKS

- Piezoresistive sensor technology replaces traditional mechanical components to deliver up to 10 years of maintenance-free operation.
- Innovative design provides overpressure protection and dual layers of process isolation to keep personnel safe and ensure reliable pressure readings.
- Digital electronics confirm proper gauge operation through local status indication and wireless communication.
- *WirelessHART*® technology delivers reliable field data communications as frequently as once per minute.



Key Innovations

- Gauge status indication
- Overpressure and burst protection
- Dual layers of process isolation
- *WirelessHART* technology

For more information visit

EmersonProcess.com/Rosemount-Wireless-Pressure-Gauge
or contact your local Emerson Sales Representative

Rosemount Wireless Pressure Gauge

Key Product Specifications *

Accuracy	ASME B40.1 - Grade 2A (0.5% of span)
Display	4.5 in. (114 mm)
Pressure Range	Up to 4,000 psi (276 bar)
Measurement Types	Gage, absolute, compound and vacuum
Engineering Units	psi, kilopascals (kPa), bar, mbar, megapascal (MPa), inH ₂ O, kg/cm ² , ftH ₂ O, mmH ₂ O, inHg, cmH ₂ O, cmHg, mmHg, % of range, custom
Enclosure	Engineered polymer – NEMA 4X, IP66/67
Weight	1.8 lb. (0.82 kg)
Battery Life	Up to 10 years
Burst Pressure	Up to 11,000 psi (758 bar)
Overpressure Protection	Up to 150 times scale range
Hazardous Location Approvals	Intrinsic Safety: US, Canada, IECEx, ATEX
Temperature Limits	Ambient: -40 to 175° F (-40 to 85° C) Process: -40 to 250° F (-40 to 121° C)
Output	WirelessHART Communication Protocol
Communication Range	Up to 750 ft. (225 m)
Status Indicators	LED, needle position and wireless reporting

* See product data sheet for full specifications.

Associated Products

Diaphragm Seals	Integral Manifolds	Smart Wireless Gateway
		

Global Headquarters

Emerson Process Management

6021 Innovation Blvd.

Shakopee MN 55379 USA

+1 800 999 9307 or +1 952 906 8888

+1 952 949 7001

RFQ.RMD-RCC@EmersonProcess.com

00807-0100-4045 Rev AA

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