

Emerson Expands Its Pressure Gauge Portfolio To Help Plants Improve Reliability

The Rosemount™ Smart Pressure Gauge delivers safer and more reliable readings, enabling better visibility of field changes where an effective local display is necessary

Emerson has introduced the Rosemount Smart Pressure Gauge to help users gain better visibility of field changes.

The Smart Pressure Gauge utilises industry-proven Rosemount pressure sensor technology to deliver reliable pressure readings. With the flexibility to accommodate changing process conditions, the Smart Pressure Gauge gives up to 150X overpressure protection and provides a safer field environment. By utilising two layers of process isolation, the Smart Pressure Gauge can help prevent process failures from becoming dangerous by preventing employee contact with process fluid by keeping it safely inside the pipe.

The gauge's Rosemount pressure sensor technology replaces 100-year-old bourdon tube gauge technology, eliminating weak points common to mechanical gauges. Mechanical gauges are plagued with quality and reliability issues associated with overpressure, vibration, corrosion, extreme temperatures and accidental damage, and can contribute to numerous reliability and safety issues in plant environments. Additionally, mechanical gauges are unable to communicate device status.

With up to a 10-year life, which reduces maintenance cost and time, and increased visibility from a large 4.5-inch face with status indicator light, the gauge provides easy field visibility.

The new Rosemount Smart Pressure Gauge expands the Emerson gauge portfolio.

"The industry response to the Rosemount Wireless Pressure Gauge has been positive, and now with the addition of the Smart Pressure Gauge, our customers have even more options for upgrading their problematic gauges," said Sven Hendrickson, product manager for pressure gauges.

To learn more about Emerson's pressure gauges visit:

www.Emerson.com/RosemountPressureGauge