

Emerson's New Compact, Hygienic Transmitters Meet Food And Beverage Industry Challenges

The Rosemount™ 326/327 line of pressure, level and temperature instruments offers food and beverage facilities the opportunity to improve efficiency, safety, product quality and consistency.

Emerson today unveiled a new line of transmitters designed specifically for hygienic applications in the food and beverage industry with a compact form factor that will enable manufacturers to minimize downtime and lower production costs.

The new line of transmitters—Rosemount 326P Pressure, Rosemount 326T Temperature, Rosemount 327T Temperature and Rosemount 326L Level instruments—are designed to operate in the hygienic environments required by food and beverage manufacturers:

- Rosemount 326P Pressure – For improved efficiency and safety, this transmitter is used for hydrostatic level measurement on fermenter tanks, storage tanks and silos, as well as static pressure measurements on pipes or near pumps to ensure line pressures are in tolerance.
- Rosemount 326T Temperature and Rosemount 327T Temperature – For improved product quality and consistency, these transmitters monitor process temperature, an extremely important factor in all steps of food and beverage processing such as fermenting or pasteurizations, storage tank temperature, or ensuring your clean-in-place processes are within FDA approved limits for an effective cleaning cycle.
- Rosemount 326L Level – To keep product lines running and reduce downtime, this transmitter will monitor continuous level in small- to medium-sized storage, holding or buffer tanks.

All comply with 3-A and FDA specifications, and are available with nine common industry process connections to ensure the right fit for new tanks and pipe fittings, as well as capability to be retrofitted on legacy systems. The new, small transmitters also can be mounted in tighter locations common on packaging machinery. Conventional 4-20 mA outputs and IO-Link connectivity make the transmitters easy to integrate with automation systems.

Emerson, a long-time provider of instrumentation and automation systems with a high level of performance, reliability and accuracy for industries such as oil and gas and chemicals, has now leveraged that experience to offer the performance and features in the new Rosemount line required by most hygienic applications, but in more compact form factor. As a result, plants and facilities can now use Rosemount transmitters for all their applications, eliminating the need to engage with multiple suppliers to cover the full range of options.

“This product launch solidifies our commitment to the food and beverage industry with a broader hygienic product portfolio that meets the needs of our customers,” said Ron Martin, group president of Measurement & Analytical, Emerson Automation Solutions. “Emerson focuses on listening to customers to provide products designed to address the pain points they face every day.”

These new transmitters expand Emerson's food and beverage offering enabling manufacturers to increase product quality, consistency and safety. Emerson's food & beverage portfolio also includes Pervasive Sensing™ solutions and Plantweb™ Insight analytics for steam traps and pumps, which allows manufacturers to harness digital transformation to further realize operational improvements.

Users can see these new instruments, along with the entire range of Rosemount products, in the Emerson booth # N-4721 at PACKEXPO International. For more information, go to www.Emerson.com/Food-Beverage