

J22 TDLAS analyzer raises the bar for H₂O measurement in natural gas

BURLINGTON, ON –The J22 analyzer, powered by SpectraSensors technology, is meeting the challenge of improving on the already highly regarded capabilities of Tunable Laser Diode Absorption Spectroscopy (TDLAS) measurement of H₂O in natural gas. Operators are seeking even higher levels of accuracy and reliability as well as the lowest possible maintenance cost and total cost of ownership. SpectraSensors, an Endress+Hauser company, had these market requirements in mind when designing the J22. The highly developed algorithms of the analyzer's TDLAS measurement plus the sophisticated diagnostics, monitoring, and verification concept of Endress+Hauser's Heartbeat Technology™, offer comprehensive process monitoring unrivalled in the industry. SpectraSensors technology is sold and supported in Canada by Endress+Hauser.

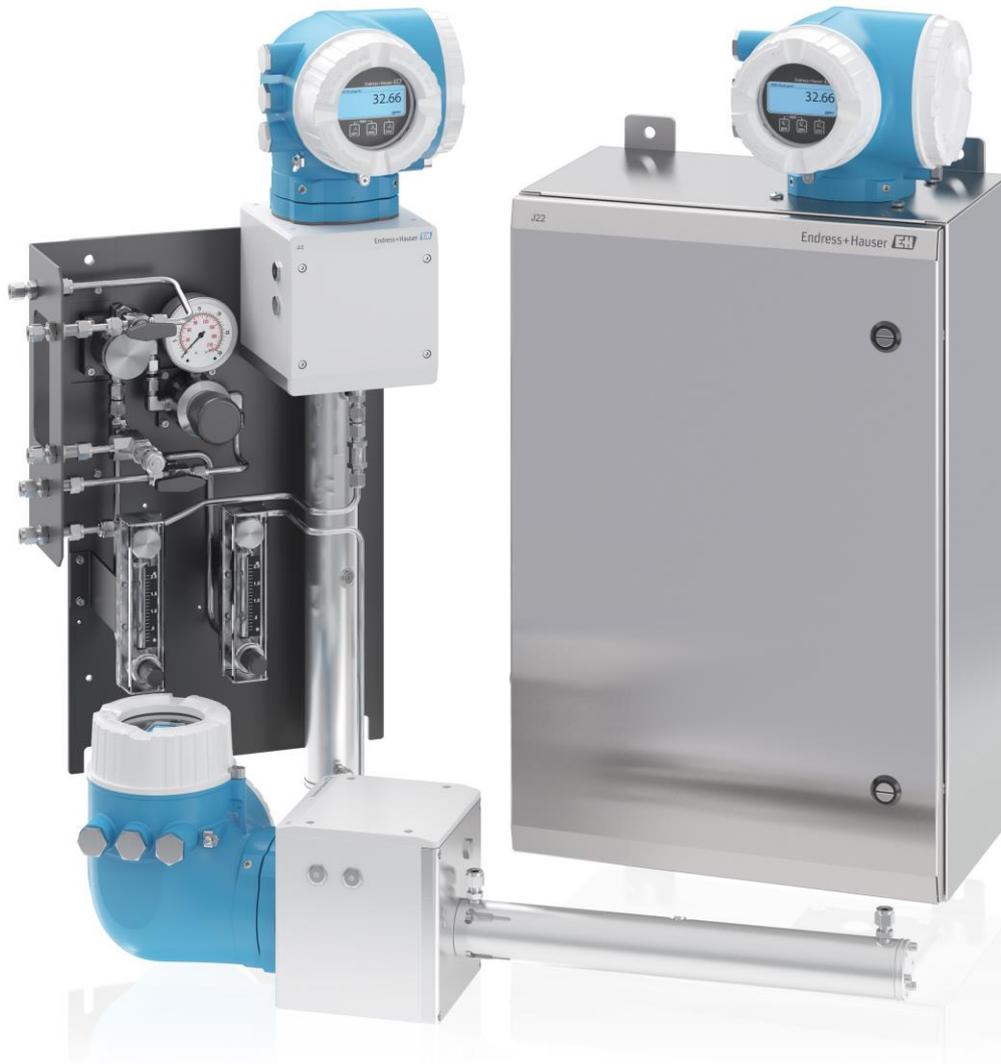
The J22's easy-to-replace components minimize downtime for the most efficient continuous analysis. Components are easily accessible and field-serviceable, allowing for quick replacements or upgrades. The simple-to-remove gas sample cells are designed to allow for convenient cleaning and servicing. A variety of system options allow the J22 TDLAS analyzer to integrate perfectly into any number of natural gas application locations. Configuration flexibility makes it the most versatile H₂O analyzer on the market.

TDLAS was introduced to the natural gas industry over 20 years ago by SpectraSensors. This laser-based analytical technology immediately distinguished itself for exceptional measurement accuracy and reliability, even in the most rugged conditions. The extractive TDLAS H₂O analyzer systems are best-in-class for meeting gas quality specifications and preventing pipeline corrosion, hydrate formation, and the risk of explosion which ensures human safety and asset integrity while requiring very little maintenance. The J22 system also has no interferences or detrimental effects from compressor oil, glycol, methanol, amine, H₂S, or moisture slugs.

About Endress+Hauser Canada

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. Endress+Hauser provides sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition. We work closely with the chemical, petrochemical, food & beverage, oil & gas, water & wastewater, power & energy, life science, primaries & metal, renewable energies, pulp & paper and shipbuilding industries. Endress+Hauser supports its customers in optimizing their processes in terms of reliability, safety, economic efficiency and environmental impact. The Group employs just over 14,000 personnel worldwide and generated consolidated sales of just under 2.6 billion euros in 2020.

Press Photo



Caption: Cost-effective J22 TDLAS analyzer system with SpectraSensor technology offers an even higher level of accuracy and reliability in measuring H₂O in natural gas than this proven, laser-based technology already offered.

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