Krueger Sentry Gauge Announces Launch of KSG Smart Gauge Transmitter for Remote Tank Monitoring

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Krueger Sentry Gauge today announced the launch of its new KSG Smart Gauge Transmitter, a purpose-built accessory designed to bring digital connectivity and remote-monitoring capabilities to the company?s established line of mechanical tank gauges. The release of this transmitter marks a significant expansion of Krueger Sentry Gauge?s instrumentation portfolio and introduces an accessible way for facilities to integrate remote level visibility into existing tank systems without replacing their current equipment.

The company developed the KSG Smart Gauge Transmitter in response to growing demand for reliable remote oversight in industrial fluid storage, fuel management, and chemical handling environments. By converting a traditional float-actuated gauge movement into a standard 4?20mA output signal, the transmitter enables operators to connect their existing Krueger Sentry mechanical indicators to various supervisory systems, including cellular monitoring devices, building controls, and industrial process dashboards. With this addition, a tank level that was once visible only on site can now be observed from virtually anywhere, allowing organizations to adopt remote tank monitoring practices without a complete overhaul of their installed hardware.

The introduction of this transmitter represents an intentional step toward bridging mechanical level gauges with the broader trend of digital instrumentation. For many facilities, mechanical gauges remain dependable, cost-effective tools that have proven themselves over decades of operation. Krueger Sentry Gauge sought to retain that reliability while making modern connectivity more accessible. The company noted that operators who rely on physical level indicators for diesel storage, chemical tanks, waste oil collection, and similar applications can now add remote visibility in an incremental and economical way, preserving the value of their original gauges.

The transmitter mounts directly to compatible Krueger Sentry models, including the At a Glance Type D

gauge, the Therma Type H gauge, the Barrel Type B gauge, the Overfill Alert indicator, and the company?s leak-detection gauge. Once installed, the unit reads the mechanical movement produced by the gauge?s float system and translates that motion into an electrical output signal recognized throughout industrial and commercial monitoring platforms. This design reflects the company?s focus on delivering an accessory that works in concert with existing equipment while supporting the operational shift toward connected tank-level oversight.

Krueger Sentry Gauge emphasized that the KSG Smart Gauge Transmitter is manufactured as an accessory rather than a replacement component, allowing facilities to expand their monitoring capabilities in stages. Many operators maintain significant fleets of tanks that depend on mechanical level indicators, and the company aims to help those users modernize without unnecessary equipment turnover. This approach supports both budget considerations and the service continuity that industrial operations require.

The company reported strong engagement from operators who previewed early demonstrations of the transmitter and expressed particular interest in its compatibility with standard 4?20mA process-signal inputs. The ability to tie a mechanical float gauge into existing facility controls or third-party telemetry devices offers flexibility for organizations that manage multiple sites or that depend on remote oversight to coordinate deliveries, prevent overfills, and monitor fuel usage.

According to Krueger Sentry Gauge, the transmitter supports a wide range of storage environments, including aboveground tanks used in manufacturing, agriculture, fuel distribution, and commercial maintenance operations. By converting visual level indicators into a continuous analog signal, the product enables the integration of tank-level data into long-term reporting, automated alerts, and supervisory control platforms. These capabilities reflect a broader industry shift toward merging mechanical reliability with digital insight.

Lee Geurts, Vice President at Krueger Sentry Gauge, said the company designed the transmitter to create a practical upgrade path for customers. ?Many of our users depend on the durability of our mechanical gauges and have installed them across their facilities for years,? Geurts said. ?The KSG Smart Gauge Transmitter gives them a straightforward way to gain remote-monitoring capabilities without changing what already works. It creates an accessible bridge between the mechanical systems they trust and the digital visibility they now need.?

Geurts added that customers have shown significant interest in deploying the transmitter across multi-tank operations where centralized oversight is essential. He noted that the transmitter supports existing facility infrastructure and provides a measurable step toward more connected tank-management strategies while preserving continuity for technicians and staff already familiar with Krueger Sentry Gauge equipment.

Krueger Sentry Gauge stated that the transmitter is available as a standalone accessory and can be incorporated into existing systems at the user?s discretion. The company expects continued interest from operators seeking incremental modernization options that extend the usefulness of established mechanical gauges while supporting the adoption of broader monitoring initiatives.

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Krueger Sentry Gauge

At Krueger Sentry Gauge, for over 75 years we have manufactured over three million liquid-level gauges. We provide high-quality custom tank gauges for a variety of industries and applications.

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