



Kaman Highlights AMS Family of High-Precision Non-Contact Displacement Sensors

High reliability and superior performance in high-pressure environments, including industrial condition monitoring, ranging from 500 psi to 40,000 psi

Middletown, CT – The Measuring Division of Kaman Precision Products, Inc., a global leader in high-performance position measurement systems, is pleased to highlight its Advanced Magnetic Sensing (AMS) family of high-precision non-contact displacement sensors, specifically designed for industrial condition monitoring. These sensors are engineered to deliver high precision with root mean square (RMS) resolution down to 1 micron, providing accurate measurements essential for monitoring machinery conditions in various industrial settings.

Kaman's AMS sensors significantly enhance condition monitoring systems by accurately measuring and monitoring runout, speed, and changes in machine vibration profiles. This capability is crucial for reducing risk, minimizing damage, and preventing unplanned downtime due to unexpected failures in industrial operations. The sensors are also well-suited for non-contact speed sensing, shaft runout, and gear tooth condition monitoring, as well as surface finish thickness inspection and crack and defect detection.

A key advantage of Kaman's AMS sensors is their non-contact measurement capability, which minimizes wear and extends sensor life in industrial environments. Additionally, these sensors offer multiple output options, including 0-10 VDC, 0-5 VDC, and 4-20 mA, making them compatible with a wide range of industrial control systems. The sensors can be easily customized to meet specific OEM integration requirements, ensuring adaptability to various industrial applications and machinery.

Designed to withstand demanding industrial conditions, the AMS sensors are IP-67 rated and available with a variety of hermetic options. They come in standard configurations, including threaded, flanged, AS4320 pressure port compatible, and bolt head styles, and can be tailored to semi-custom and custom OEM integration needs.

For more information about Kaman Precision Product's high-performance position measurement systems, visit <https://www.kamansensors.com/product-category/high-precision-sensors/>.

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About Kaman Precision Products Measurement Division

Kaman Precision Products Measurement Division is a worldwide leader in the design and production of high-performance, precision non-contact position measuring systems using inductive, Eddy current technology. Recognizing that each customer has specific individual requirements, Kaman consults with customers to help choose the best sensor, conditioning electronics, and calibration for each application. With more than 40 years of experience, our advanced family of high-precision position sensors is used in hundreds of applications in aerospace, automotive, energy, metals production, metalworking industries, and many others.

Part of Kaman Corporation of Bloomfield, Connecticut, we design and manufacture our products at a state of the art production facility that meets AS9100/B and ISO 9001:2000 quality management system requirements.

For more information call 800-552-6267, email measuring@kaman.com or go to www.kamansensors.com.