

KMM Precision Measuring Highlights ThreadChecker™ with Inspection Capabilities for Industrial Manufacturing

Noncontact application-specific sensors provide rugged and reliable verification of thread presence, available from stock and ready to ship

NEW BRITAIN, CT – [KMM Precision Measuring \(KMM\)](https://www.kmmprecisionmeasuring.com), a world leader in the design and manufacture of high-performance, precision non-contact position measuring systems, highlights its ThreadChecker™ for industrial manufacturing. This line of non-contact application-specific sensors provides rugged, reliable verification of thread presence or absence in nearly any electrically conductive material. The ThreadChecker is a teachable Eddy Current inspection tool, widely used for thread detection, material sorting, plating presence, and absence of heat treatment, as examples. Any physical property difference that relates to material conductivity is readily detected. These sensors are available from stock and ready to ship immediately.

The ThreadChecker is ideal for use in any automated inspection process involved in industrial manufacturing. Consisting of a single electronics module compatible with any probe/material combination, the ThreadChecker can check threads regardless of part cleanliness, reducing the cost of implementation.

With KMM's proven Eddy Current technology at its core, the ThreadChecker is designed specifically for in-die use. It features four internal probes, ranging from 4 to 10 millimeters (mm), and two external probes, 6mm and 8mm. Available with a DIN rail mounting option, ThreadChecker is CE-compliant and features IP-67 rated probes and electronics.

The ThreadChecker is available with both switched and analog outputs. With the switched output option, the sensor is wired to a PLC or other controller, programmed to alarm when no thread is detected. As an alternative, users can monitor the analog voltage and program the PLC or other control device with limits suitable for the application.

For more information about the ThreadChecker, please visit the KMM Precision Measuring website at

<https://www.kmmprecisionmeasuring.com/products/threadchecker> or www.kmmprecisionmeasuring.com.

About KMM Precision Measuring

KMM Precision Measuring 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,

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KMM 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.

Based in New Britain, CT, we design and manufacture our products at a state-of-the-art production facility that meets AS9100D and ISO 9001:2015 quality management system requirements.

For more information please visit www.kmmprecisionmeasuring.com.