SICK

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SICK's Miniature KTM Contrast Sensor Includes High Grayscale Resolution for Reliable Detection on Glossy Surfaces

Minneapolis, Minn., July 6, 2015 – SICK (www.sickusa.com), one of the world's leading manufacturers of sensors, safety systems, machine vision, encoders and automatic identification solutions for factory, logistics, and process automation, today announced the launch of the KTM contrast sensor. The KTM is a high-performance contrast sensor enclosed in a small, IP 67-rated housing that can be easily mounted and integrated into machines.

The KTM, which has a high grayscale resolution, is particularly suitable for detecting black and white or color materials as well as matte or shiny objects. With OES4 ASIC technology, a switching frequency up to 15 kHz and a short response time of 35 µs, the KTM is able to reliably detect contrast differences in a wide range of packaging applications. It includes both static and dynamic teach-in options for flexible commissioning.

Two variants — the KTM Core, with a white sensing light, and the KTM Prime, with a red, green and blue sensing light — are available. The KTM Core is ideal for standard applications while the KTM Prime, which offers extended diagnostics, visualization and quick format changes due to IO-Link, can be used for more challenging applications.

About SICK

SICK is one of the world's leading manufacturers of sensors, safety systems, machine vision, encoders and automatic identification products for industrial applications. With more than 1000 patents, SICK continues to lead the industry in new product innovations. The diversity of its product line allows SICK to offer solutions at every phase of production in the logistics, automotive, packaging, electronics, food and beverage, and material handling markets. SICK AG was founded in 1946 and has operations or representation in 65 countries worldwide.

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