

## SENSOR PRODUCTS



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### **TURCK Offers QR24 Rotary Position Sensor Extension Providing Additional Output Options**

Minneapolis, MN—August 18, 2014—TURCK expands the QR24 rotary position sensor line with the addition of incremental and analog outputs. Designed from the company's rotary inductive sensor technology, the QR24 provides contactless position detection and wear-free performance in a variety of industrial applications ranging from solar energy plants and harvesters to crane vehicles and AGVs. These additional output types allow for more precise and configurable data collection via IO Link or EasyTeach.

Rotary feedback is critical in nearly every installation, and most rely on their mechanical bearings to provide proper tolerance and position of the internal system. After time, this results in mechanical wear, vibrations, potential leaks and requires spring elements. The QR24 provides superior performance without the need for contact or bearings, allowing it to successfully execute the same functions. This extension provides many of the same output types as an encoder or potentiometer while eliminating wear and extending sensor longevity.

"Rotary feedback applications are becoming more diverse," said Marty Cwach, Product Manager, TURCK. "Responding to these requirements led TURCK to incorporate more and varying output types to the already robust line of rotary feedback devices. TURCK's QR24 line extension incorporates these new requirements and meets or exceeds the demands."

The TURCK QR24 is part of the company's industry-recognized Q-track family of sensors. Learn more about TURCK's Q-track sensors on our YouTube Channel, TURCK TV: <https://www.youtube.com/watch?v=hF4gulc4ak0>

The QR24's multi-coil system provides high resolution, while ensuring 16-bit noiseless operation. The sensor also features a double resonator system, providing increased distance capabilities and high-end signal processing with a multi-core microprocessor for enhanced speed.

Along with advanced design features, the QR24 sensor features a fully potted and sealed IP69K/IP67-rated housing to protect against moisture and dust in demanding environments. It also offers flexible parameterization via IO Link or Easy Teach, allowing the sensor to easily adapt to specific application requirements.

TURCK is an industry leader providing superior quality sensing, connectivity and network products to help manufacturers improve their automated processes. For other TURCK product or technical information, contact:

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