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## Contactless QR24 Rotary Inductive Sensor with CANopen Communication

PLYMOUTH, Minn. (July 14, 2015) – TURCK has added a variant with a CANopen interface to its QR24 rotary inductive sensor series. The new wear-free QR24-CAN variant is ideally equipped for use in mobile machines and industrial applications. Fast response times as well as a cyclical and event-driven communication are only two of the many benefits of the CANopen protocol, which is frequently used in the Mobile Equipment industry. These applications include crane and lifting technology, transport systems, construction machinery and also special machine building.

All QR24 sensors use resistance inductive capacitance (RLC) measuring technology to process and communicate position. Each sensor is manufactured with printed emitter and receiver coil systems fully potted within the housing. When the emitter coils are activated with a high-frequency AC field, they produce an inductive RLC circuit with the positioning element. The position of that element is processed based on the induced signal to the receiver coils in the sensors.

Thanks to its intelligent mounting concept using adapter rings, the permanently sealed IP69K sensors can be fitted on all standard shafts with diameters up to 20 millimeters. TURCK also offers the QR24 with an SSI interface, incremental output and analog voltage/current output.

### About TURCK

TURCK is a pioneer in industrial automation technology, providing customers with a comprehensive line of quality and advanced technology products in a fast, flexible and accurate manner. With more than 3,200 people working in 27 countries, TURCK has built global partnerships with customers based on engineering expertise, flexibility and our willingness to take on engineering challenges that others won't. For more information, visit [www.turck.us](http://www.turck.us).