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TWK-ELETRONIK GmbH Sensors and Encoder Products Company Announce Strategic Technology Partnership for SIL2/SIL3 Safety-Rated Encoders

Sagle, Idaho – Encoder Products Company (EPC), a leading manufacturer of motion sensing devices, is proud to announce a strategic technology partnership with **TWK-ELEKTRONIK GmbH**, a globally recognized leader in sensor technology, to bring **SIL2/SIL3 safety-rated encoders** to the North American market.

This collaboration leverages TWK's proven safety-certified encoder technology with EPC's expertise to deliver functional safety solutions that meet the growing demand for compliance in critical motion control applications. These products will support machine builders and OEMs seeking to meet IEC 61158 standards for performance and personnel safety.

EPC will offer these safety-rated encoders, including absolute encoders capable of meeting rigorous safety requirements, through its established North American sales and support channels.

"Functional safety is no longer optional for many automation systems—it's essential. This partnership allows us to deliver proven safety-certified encoder solutions to customers in need of reliable, high-performance motion feedback with SIL2 and SIL3 compliance," said Bob White, CEO of Encoder Products Company. "TWK's innovation, paired with our local engineering support and customization capabilities, creates an unbeatable combination."

TWK's safety-rated encoders are certified for use in safety functions such as safe position, speed monitoring, and emergency stop feedback. These encoders are ideally suited for use in mobile machinery, robotics, packaging, and heavy industrial applications where safety is paramount.

The partnership reflects EPC's continued commitment to innovation and expanding its product portfolio to meet the evolving needs of system integrators, automation engineers, and machine builders across North America.

For more information, visit www.encoder.com

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