

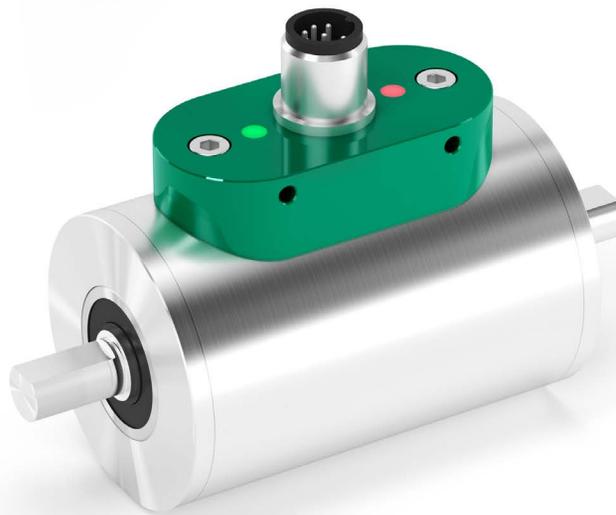
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Smart encoders & actuators

Technological Breakthrough in Torque Sensors

*Lika Electronic is refining the design of an innovative torque sensor named **TORQUENCODER**. The new torque sensor is currently under testing by Lika Lab, the newborn R & D business unit, and is expected to be available on the market by the end of the year.*



It is by far an absolute innovation for the **whole sector of the measuring instruments**.

TORQUENCODER is not only a shaft-to-shaft torque sensor for accurate static and dynamic torque measurements. It also provides information about the **speed** of the shaft and its **acceleration**, and the **absolute position** in high resolution.

A single product combines the functionality of more sensors and delivers several measurement values at once. Furthermore its all-in-one efficient configuration simplifies machine design, reduces the encumbrance size, and significantly cuts costs.

Typical applications of TORQUENCODER torque sensor are **collaborative robots, motor test benches, screw driving technology, and laboratory equipment**.

TORQUENCODER also features many diagnostic tools that are needful for defining a **Predictive Maintenance strategy**.

The torque sensor enables a complete integration into plants and machines as data transmission is performed using industrial interfaces and **Ethernet interfaces in particular such as Profinet, EtherNet/IP, POWER-LINK**, and more.

For more details please contact our Technical Sales team.

