PressRelease

Eddy current sensors IC with higher accuracy - eddylab GmbH extends sensor portfolio

Otterfing, 28.02.2023. Eddy current sensor series IC with linearization and teach function.

With the expansion of the eddy current sensor series IC, eddylab offers a user-friendly solution for a variety of special measurement tasks such as non-contact distance, position and vibration measurements.

The eddy current sensor series IC with integrated electronics
guarantees highly accurate measurements thanks to linearized characteristic curve.
Accuracy has been improved by up to a factor of 20 compared to previous models.
The teach-in function allows the measuring range of the eddy current sensor to be optimally adapted to the respective application. Installation tolerances or material properties of the measured object can be compensated directly. Setting individual measuring range limits offers the user the greatest possible flexibility and simplifies sensor integration. As the complete analysis electronics are built into the sensor, installation and mounting are also extremely uncomplicated.

Multiple applications - intelligent analysis

The IC eddy current sensor series is insensitive to extreme temperatures from -25 to +75 °C and is predestined for demanding environmental conditions in harsh industrial environments.

Displacement measurement with eddylab sensors is contactless and wear-free based on the eddy current principle and is characterized by precision and dynamics.

"By expanding the product range of our IC series with linearized models, we can offer our customers an outstanding price-performance ratio and guarantee highly precise and reliable measurement results at the same time," says Christian Schrick, CEO and Head of Production.

About eddylab

eddylab is a modern company, which passionately designs, constructs, and produces sensors for the measurement of distances and positions. We eventually provide entire system solutions. The company's product portfolio includes eddy current probes, inductive transducers, laser sensors, draw wire sensors, digital gauges, digital rulers, digital magnetic scales, display controls and signal conditioner. Besides our standard products in stock for a plenitude of industrial applications our strength is the development of custom-made sensors. In close cooperation with our customers, we develop ultra-precise sensors true to the motto "sensors – built to perform".

Contact:

eddylab GmbH
Ludwig-Ganghofer-Str. 40
83624 Otterfing
+49 (0)8024 46772 – 0
info@eddylab.de
www.eddylab.de