

PressRelease

eddylab GmbH

Innovative approaches in sensor development: Milestones and future trends



Otterfing, 23.09.2024. The beginnings of eddylab GmbH date back to 1999, when the company was still trading under a different name and started with a small team at the Munich/Taufkirchen (Unterhaching) site. What began exactly 10 years ago as a 'corporate spin-off' has since developed into a leading company in the field of distance and position measurement technology.

Based on decades of experience in measurement technology, 1 September 2014 marked a decisive turning point in eddylab's company history: on this day, the official spin-off took place with a consistent focus on the business areas of inductive displacement transducers (LVDT), eddy current sensors and Magnescale sensors (formerly SONY). This reorganization was accompanied by the

expansion of the development and research areas as well as the expansion of the trading and sales network.

New location, new opportunities: eddylab relocation in 2018

The next key step in the company history of eddylab GmbH was the move at the end of 2018 to a spacious, modern company building in Otterfing, south of Munich. This new location enabled eddylab to expand its production capacities and thus further develop its sensor portfolio. Since then, eddylab has not only been able to tap into international markets and industries but has also expanded its specialist skills and expertise with new employees and created numerous new apprenticeships.

Development into a specialist for customized sensor solutions

Over the past ten years, eddylab has consistently focused on the further development of its high-precision measurement technology solutions, which is reflected above all in the expansion of the eddylab product portfolio: In addition to eddy current sensors, inductive sensors digital gauges, eddylab has expanded its product range to include laser sensors and draw-wire sensors.



*Eddy current sensor systems, inductive sensors (LVDT) and laser sensors
from eddylab GmbH*

The focus here is on meeting the increasing customer requirements for special areas of use and complex industrial applications. Here, eddylab relies on diverse and customized sensor configurations that are tailored to different industries. eddylab demonstrates special expertise in adapting its sensors to particularly challenging areas of application with high temperatures or high pressure, such as those typically found in the energy sector.

eddylab develops sensors in accordance with industry-specific standards and guidelines, considering, for example, the MIL-ST standards (standard for military and civil applications), the DNV regulations for the shipping industry and the RCC-E standard for the safety and reliability of electrical systems in the nuclear energy sector.

Flexibility and expertise as a competitive advantage

“Over the past ten years, we have crystallized and proven what eddylab's major competitive advantage is as a small, medium-sized company with its own sensor manufacturing facility: We are very close to our customers, can react flexibly to special requirements and have access to a huge amount of expertise in the field of customer-specific sensor development”, emphasizes CEO and eddylab company founder Michael Reiter, who has been joined on the management board by Christian Schrick since 2020 and Emmanuel Laar as an authorized signatory since 2023.

eddylab also has ambitious plans for the future: In addition to the product launch of new, digital electronics, eddylab is planning to develop inductive sensors with ATEX approval that are suitable for use in potentially explosive atmospheres and therefore fulfil the highest safety standards.

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