

Alfdorf in June 2010 - Press Release

Anniversary at Lorenz Messtechnik GmbH in Alfdorf, 100.000 Sensors sold!

Since the foundation in 1984 by Peter Lorenz, the company has crossed the barrier of 100000 produced sensors.

The German manufacturer of measuring instruments is worldwide known for the precise and reliable measurement of the physical quantities torque, force and mass. The entire know-how for development and the production of the sensors is in-house. Lorenz Messtechnik gets the necessary parts exclusively manufactured by suppliers from the local region and thus it stands for the real "Made in Germany".

The presently manufactured anniversary sensor DR-3000 can be connected directly to a standard PC via the integrated USB-connection and therefore it does not require an additional measuring amplifier. By this worldwide first USB torque sensor in 2008, the Lorenz development team showed its innovation strength.

Objective of the new generation of rotating torque sensors is to make the torque measurement technology as easy as possible for the handler.

By the easy and in shortest time producible electric measurement setup, the user can concentrate more onto the measurement task. The calibration data which get read-out for the configuration of the measurement software are stored in the sensor. The sensor connection designed according the Plug and Play principle does not require any user settings. Through that, the logically designed operation concept of the supplied software was arranged simply and clearly.

Since the time of the company foundation, the standard program of sensors and measuring amplifiers was continuously broadened. The spectrum reaches from 0,005 N•m up to 20.000 N•m. All types are available, from the veteran slip-ring sensor to the intelligent torque sensor with integrated digital electronics. A similar variety of types can be found in the force sensor and load cell product range. The available rated values of the force sensors are between 10 N and 5000 kN.

Lorenz Messtechnik has clients in all areas of the economy, from the medical technology to the automotive engineering up to research laboratories. This measurement technology is also employed at technical colleges and universities.

A comprehensive range of measuring amplifiers is available for the evaluation and indication of the measured values. The delivery program is completed by testing instruments for development, manufacturing and quality assurance as complete solutions according to customer requirements. Customer-specific individual solutions for the most various measurement tasks are offered as well.

The traceable calibration of the sensors with the offered ranges occurs in the in-house calibration laboratory. In the torque field, the company has a calibration laboratory accredited by the Deutscher Kalibrierdienst (DKD).

Picture: Anniversary sensor DR-3000 with integrated USB-connection for the direct connection to a standard PC.



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