



Evaluation Kit for Level Sensors - Contactless Measuring Made Easy

Leinfelden-Echterdingen, 06 March 2024. In the world of industrial automation and sensor technology, the precise measuring of filling levels represents a continuous challenge. EBE sensors+motion is now launching an Evaluation Kit for level sensors that not only excels by its precision but also by its user-friendliness. It is designed to allow users without sound technical knowledge to achieve valid measurement results in a quick and easy way.

The core of the kit is software that has been customized to make the use of the level sensor as intuitive as possible. The installation is made in few steps: After downloading the control software from the EBE homepage and connecting the sensor via the interace enclosed, the user can start right away. Further equipment, interfaces or software for data evaluation are not required. This accessibility is of particular advantage for users who wish to familiarize themselves with the function of the sensor in a quick and efficient way. By using the Evaluation Kit, the connection and communication with the level sensor becomes a piece of cake.

Intuitive Software Meets Powerful Hardware

The graphic user interface of the software provides a detailed description of the measurement values collected via the sensor. Features such as zoom and motion functions of the graph allow users to view and analyze the data more closely. An overview of all relevant information on the sensor is always available and facilitates the evaluation of the sensor performance. A further function is the option to easily record measured values and save them in common formats such as .csv or .xls. This allows for efficient further processing and analysis of the data which is of particularly great use for electronics designers.

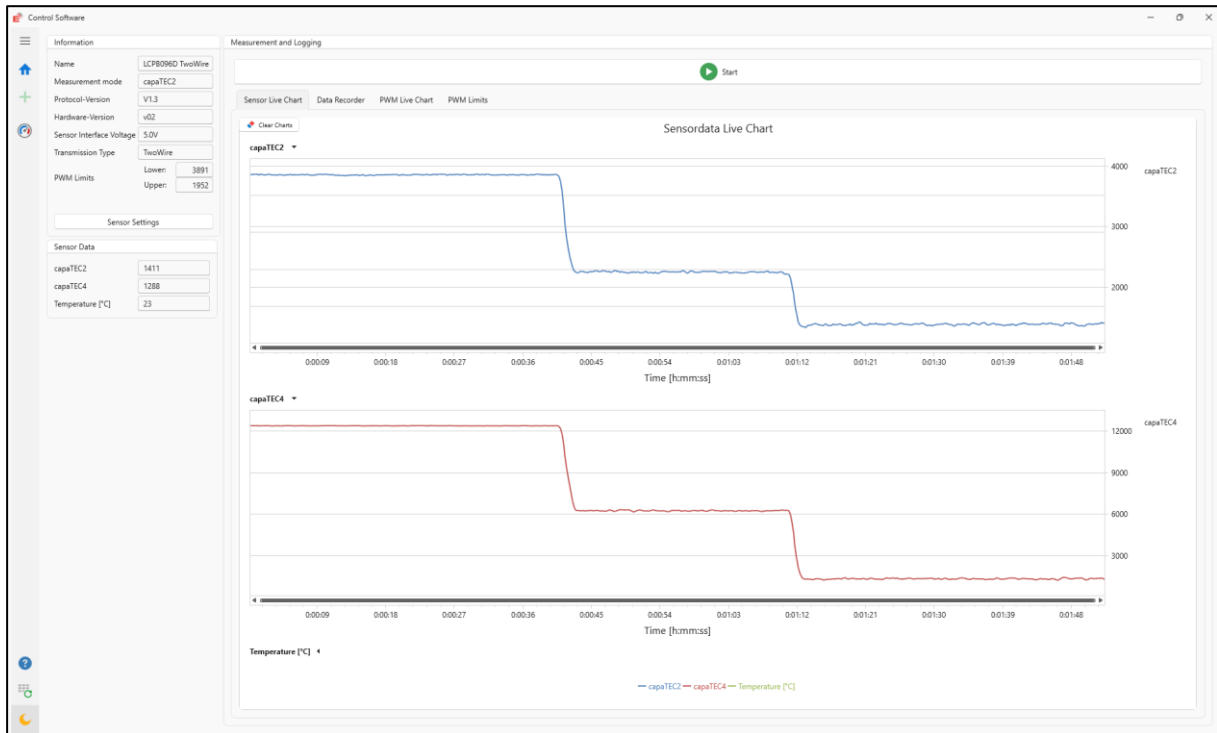
Adaptation at the Push of a Button

The software allows users to independently configure the sensor for the usage with PWM (pulse width modulation). The limits of the measuring range can be set individually to ideally adapt the sensor to the respective requirements. During the configuration of the PWM limit values the software provides assistance which significantly facilitates the process. After that, the sensor can be directly integrated into the customer system via the customized PWM interface. In addition, all sensors also provide a standard I2C interface.

Contactless Level Measurement Made Easy

With its new Evaluation Kit for level sensors, EBE sensors + motion offers a user-friendly and innovative solution for connecting and testing level sensors in

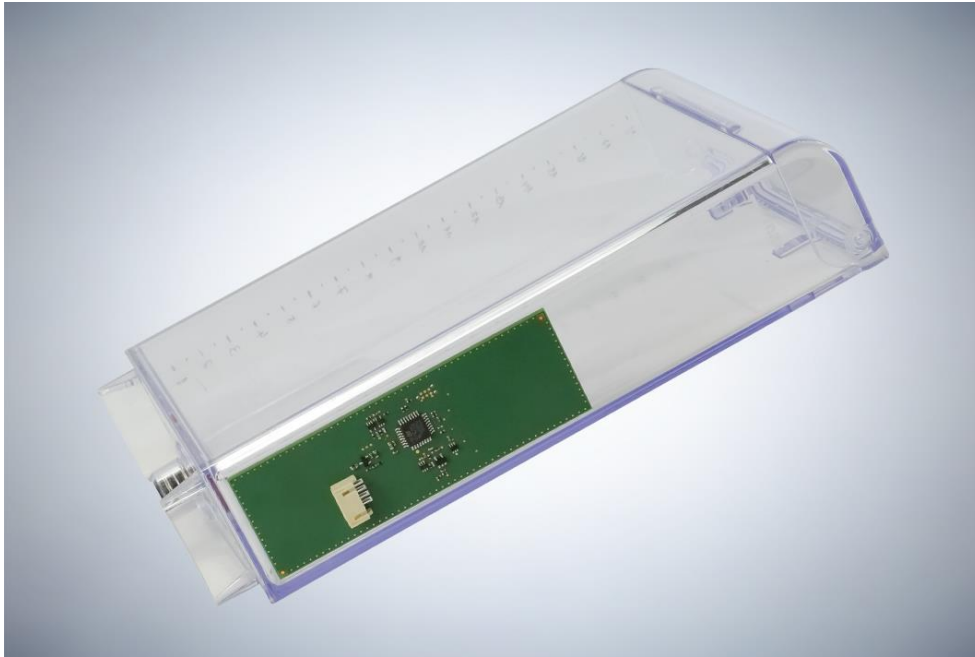
industrial applications. The combination of intuitive software and powerful hardware makes this kit a useful tool for anyone involved with the contactless measuring and analysis of filling levels. The easy handling and comprehensive functions offer users unequalled flexibility and efficiency when working with level sensors.



Picture file: EBE_Software_Evaluation_Kit

Picture text: The control software of the EBE Evaluation Kit can be intuitively integrated and offers a clear overview of the measured values.

Picture source: EBE Elektro-Bau-Elemente GmbH



Picture file: EBE_capatec_Füllstandssensor

Picture text: The new level sensors from EBE sensors + motion offer reliable and contactless level measurement.

Picture source: EBE Elektro-Bau-Elemente GmbH

Publication of photos is licence-free and free of charge. Source information requested.

Short Profile

The company EBE Elektro-Bau-Elemente GmbH (brand name: EBE sensors + motion) based in Leinfelden-Echterdingen near Stuttgart develops and manufactures OEM-products in the fields of sensor technology, components for HMI-interfaces as well as actuator and mechatronics technology. The focus lies on capacitive and inductive sensors based on the technologies developed in-house and mechatronic solutions for industry, appliances, medicine and mobility. The sensor program also includes level sensors, pressure sensors, position sensors and capacitive buttons. Furthermore, EBE develops and manufactures customer-specific solenoids and robust rotary switches, buttons and encoders and adapts them to the customer requirements. The company sees itself as a competence center for the development and production of sensor systems and drive technology.

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