

MESSRING supports ISO compliant calibration according to DakkS standard

DAkkS accredited calibration for all M=BUS Pro and M=BUS Lab analog and digital modules / The new company facilities enable ISO 17025-compliant in-house calibration

Munich, 09. Dez. 2021 - Reliable measuring and testing equipment is an essential basis for engineers and vehicle developers. An important part of ensuring accurate measurement results is the periodic calibration of the devices under test. MESSRING now offers a calibration service for M=BUS Pro and M=BUS Lab analog and digital modules that meets all requirements of ISO/IEC 17025. A state-of-the-art calibration laboratory was installed during the construction and move into the new company building. With the new laboratory, the measurement technology experts can now offer this service in accordance with DAkkS standards as an in-house service.

The accredited calibration is valid as proof of traceability and compliance with the DIN EN ISO/IEC 17025 standard for quality assurance in the automotive industry. Furthermore, MESSRING can achieve a significantly reduced turnaround time due to the work steps carried out in its own laboratory. In addition to the DAkkS certificate, all modules receive a detailed device test. Because only reliable devices guarantee precise test results and evaluations for the development and production of safer vehicles.

In addition to static and dynamic calibration with voltage measurement and filter characteristics, testing the sensor supply voltage is just as much a part of MESSRING calibration as testing the internal functionality of the modules such as flash memory, current measurement, circuit supplementary resistors and shunt. Battery replacement as well as firmware and hardware updates are also part of the service scope.

Matthias Winkler, Head of Software and Hardware at MESSRING speaking about the calibration: "The ISO/IEC 17025 accreditation of our well-proven calibration process for full testing according to the manufacturer's specifications confirms the past, present and future high quality of our procedures."

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About MESSRING:

MESSRING GmbH is the world market leader for crash test technology. Based in the southwest of Munich, the mid-sized company's product offerings range from the realization of large, turnkey and multifunctional crash test facilities to the delivery of compact crash simulation test systems. In close cooperation with automotive engineers and manufacturers, MESSRING develops application specific solutions that enable the automotive industry to test their active and passive vehicle safety systems. With more than 150 employees and over 140 crash and sled test facilities installed worldwide, MESSRING has been contributing to making traffic and transportation safer for over 50 years.

As a pioneer in the field of passive safety, MESSRING has set itself the goal of also playing a leading role in active safety. For this reason, MESSRING Active Safety GmbH was founded in 2018, whose core competence is in the development of test systems for driver assistance systems and autonomous vehicles.

Further information can be found at www.messring.de.

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