

SICK.COM



TRACK AND TRACE SYSTEMS

LEGAL FOR TRADE

CERTIFIED MEASUREMENT OF PACKAGES
AND SHIPMENTS FOR ACCURATE BILLING

SICK

Sensor Intelligence

MID AS THE BASIS FOR THE EUROPEAN MARKET

In commercial applications where shipments are billed based on their dimensions, reliable measurement systems must be used. When doing so, it is essential to comply with legal regulations, which vary around the world.

WHAT DOES MID STAND FOR?

- The abbreviation MID (Measuring Instruments Directive) refers to the EU Directive 2014/32/EU, that regulates the manufacturing and commissioning process of measuring devices and is recognized in all EU member states.
- MID certification acts as proof that new or repaired measurement systems meet the legal requirements. It provides the certainty that the measured values recorded are both legally recognized and precise.

* In North America, NTEP regulates the approval for "Legal for Trade", and is comparable to the MID in Europe. Other national rules and standards exist around the world, often based on the international guidelines of the OIML (International Organization of Legal Metrology).



ADVANTAGES OF MID CERTIFICATION

Certified measurement systems open up entirely new possibilities for dealing with dimension data and also offer other significant advantages.



**QUALIFIED INSTALLATION
AND COMMISSIONING**



**BILLING USING
OBJECT DIMENSIONS**



**RELIABLE DATA STORAGE FOR
ACCURATE BILLING**



**SECURE AGAINST MANIPULATION
THANKS TO HIGH STANDARDS**

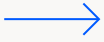


**PRECISE AND
REPRODUCIBLE**

MID CERTIFICATION

LEGALLY COMPLIANT & SIMPLE

The manufacturers of measuring devices determine how these are assessed for conformity and placed on the market. Thanks to the module combination B and D that SICK selected, the measuring device is already fully certified – without any additional testing effort for operators during initial commissioning.



MODULE B – EU TYPE EXAMINATION

EU type examination is part of the conformity assessment of measuring instruments. It ensures compliance with EU specifications and confirms that the appliances comply with European Directives.

MODULE D – QUALITY-ASSURED PRODUCTION PROCESS

The manufacturer takes over the initial license to market instead of a local authority and issues an EU declaration of conformity. Module D ensures that the manufacturer complies with the specified quality standards, which is checked annually by the relevant authority.

YOUR OFFER THROUGH SICK

- Depending on the type of system, SICK offers commissioning, maintenance, or recalibration.
- SICK assumes the responsibility for MID conformity.
- Commissioning is carried out in compliance with MID without the presence of the calibration authority.
- Metrological tests are performed, the test documentation is prepared, and the conformity documents are handed over.
- Every phase of the production and testing of a measuring instrument is clearly and legally regulated.
- Measurement accuracy is ensured through stringent tests and quality management-certified processes.

**WANT TO LEARN MORE?
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LEGAL FRAMEWORK FOR THE USE OF SYSTEMS

- **Accountability and responsibility:** Users are responsible for the correct usage of the system and can be held accountable for errors.
- **Documentation and transparency:** Users must be able to prove the conformity of the system, e.g. by means of an EU certificate of conformity.
- **Usage in retail:** MID-certified systems are a prerequisite for use in trade and transportation in the European market.
- **Regular checks:** Users must ensure that regular maintenance and verification of measurement accuracy comply with the applicable legal requirements.

OTHER SERVICES FROM SICK

From consulting to modernization: SICK services increase the productivity of systems and machines, improve the safety of your personnel and create the basis for sustainable business. As a solution provider, SICK works with you to design the holistic implementation of projects relating to industrial automation, safety and digitalization.

