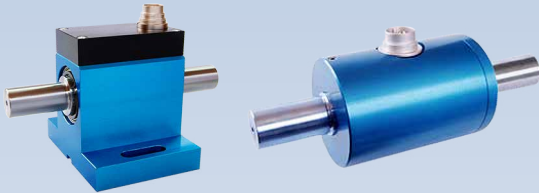


of  
Torque Sensors



and

Torque Measurement Chains



for

- Clockwise Torque
- Counter-Clockwise Torque
- Alternating Torque

according to  
Calibration Standards

- DIN 51309
- EURAMET cg-14
- DKD-R 10-5

- ▶ Torque Sensors
- ▶ Force Transducers
- ▶ Measured Data Evaluation Devices
- ▶ Customized System Solutions
- ▶ Test Stands and Special Sensors
- ▶ Strain Gauge Applications
- ▶ Proprietary Calibrations



The Torque Standard of our accredited Calibration Laboratory is used as the Reference Standard for our Production and Proprietary Calibrations.

Lorenz Messtechnik GmbH  
 Oberer Schloßstrasse 127/129/131  
 D-73553 Alfdorf  
 Phone +49 7172 93730-0  
 Fax +49 7172 93730-22  
 www.lorenz-messtechnik.de  
 info@lorenz-messtechnik.de

D-K-17603-01-00

Torque Measuring Range 0.2 N·m - 200 N·m  
Best Measurement Capability  $\geq 1 \cdot 10^{-4}$



Torque-Reference Standard-Measurement Uni

# Accreditation

# DAkks-Calibration Certificate

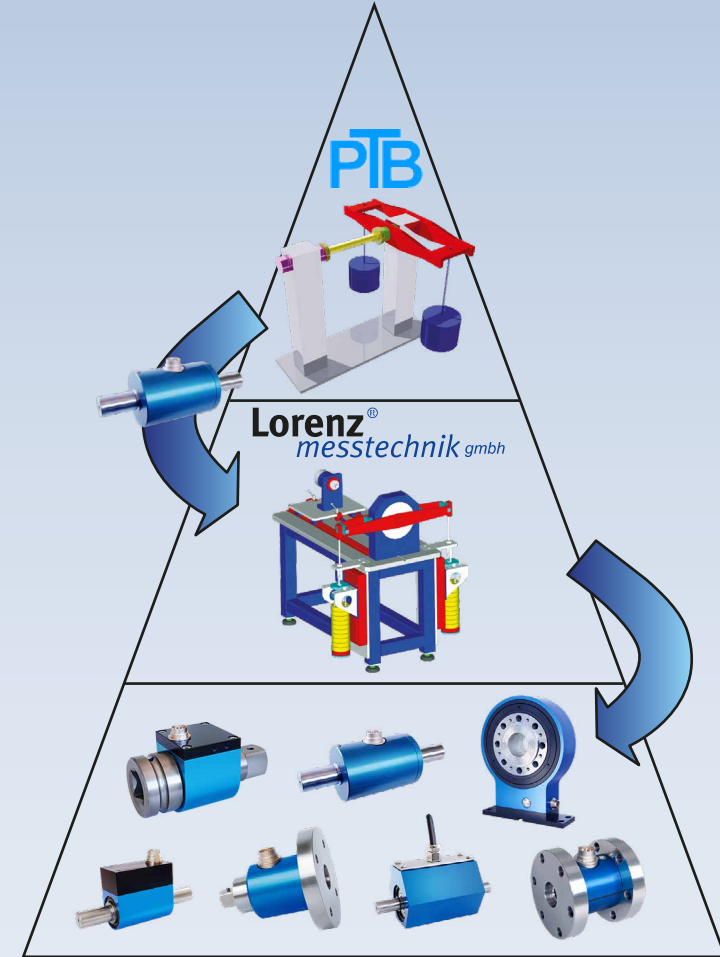
# Calibration Hierarchy



The Accreditation of our Calibration Laboratory was conducted by the DAkks (Deutsche Akkreditierungsstelle).



- ▶ Calibration Result
- ▶ Uncertainty of Measurement
- ▶ Classification
- ▶ Interpolation Equations
- ▶ Measured Values
- ▶ Graphical Presentation of Measurement Results



# QM-System



Our existent QM-System according to DIN EN ISO 9001 was enhanced by Standard DIN EN ISO/IEC 17025, valid for Laboratories.

The Calibration Certificate is valid only with signature.

# DAkks-Calibration Mark

A Calibration Mark is applied to the Torque Sensor after the Calibration. The Calibration Mark and the Calibration Certificate have the same Number.



DAkks-Calibration Certificates are internationally accredited.

The Traceability of our Torque Sensor Calibrations is guaranteed by the Accreditation of our Calibration Laboratory.

