

DKD Calibration

of Torque Sensors
and Torque Measurement Chains
according to Calibration Standards
DIN 51309, EA-10/14, DKD-R 3-5



DKD-K-37801

Torque Measuring Range
1 N·m - 200 N·m
Uncertainty of Measurement $1 \cdot 10^{-4}$

Proprietary Calibration

of Torque Sensors
Force Sensors
and Measuring Chains

QM-System



Our Quality Management Systems acc. to
DIN EN ISO 9001:2008 and
DIN EN ISO/IEC 17025 for Laboratories

Accreditation



The Accreditation of our Calibration
Laboratory was conducted by the DKD
(Deutscher Kalibrierdienst)

- Automotive Industrie
- Automation Technology
- Production Technology
- Development and Research Institutes
- Aerospace
- Machine Building
- Chemical Industry
- Food Industry
- Medical Technology
- Universities
- Academies

You
have a
Measuring Task



we
have the
Solution



Lorenz Messtechnik GmbH
Obere Schlosstraße 131
D-73553 Alfdorf
Tel. +49 (7172) 93730-0
Fax. +49 (7172) 93730-22
Internet : www.lorenz-sensors.com
E-Mail: info@lorenz-sensors.com
Internet: www.lorenz-messtechnik.de
E-Mail: info@lorenz-messtechnik.de



Torque

- Rotating
 - Bearing-free
 - Integrated Measuring Amplifier
 - With Bearings
 - SG-direct output
- Static
 - SG-direct output

0,005 N·m ... 20 kN·m
from class 0,05

Force

- Compression Force
- Tension Force
- Compression and Tension Force

10 N ... 5 MN
from class 0,05

Measuring Amplifiers

- Sensor-Interfaces
- Portable
- Table and Laboratory
- 19" plug-in Units
- Assembly



Connection Possibilities

- Undefined scale e.g. mV/V; mA
- Defined scale e.g. N; N·m
- PC-connection e.g. USB; serial

Test Benches

- Torque-Testing Devices
- Motor Test Benches
- Force Test Benches
- Testing Devices for Windshield Wiper Rods

