

## 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 9001:2000 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**



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# 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

