

NCTE torque sensors serialproducts



www.ncte.de



PREMIUM QUALITY
MADE IN GERMANY

ISO 9001

Benefits

Yours benefits

- High **profit** margin
- Reach cost sensitive customers
- Product adjustments shortly available
- Fast delivery “of the shelf”
- We ship single sensors

Your customers' benefits

- Integrated **electronic and amplifier** (no additional equipment it's Plug&Play)
- Extremely cost benefits especially in case of larger orders
- Highest Overload at market
- Measuring in rest and in rotation
- Developed and produced in Germany

Series 2000

The series 2000 is the **most easy and affordable** entry into torque measurement technology.

Advantages:

- Very low price
- Suitable for high volumes
- Compact housing and Simple setup

Accessories

- Sensor brackets
- Couplings
- Cable



Applications:

- Test benches
- Monitoring bolting tools
- Automotive (steering, gearing, motors)
- Textile machines
- Drilling systems
- Pumps
- Fitness and workout gears
- Mechanical conveying technology
- Household appliances



Series 2300

The 2300 series is the **most cost-effective** entry into professional torque measurement technology.



Advantages:

- Most cost-effective Sensor in the market
- Flexible usage and configuration
- Compact housing and Simple setup

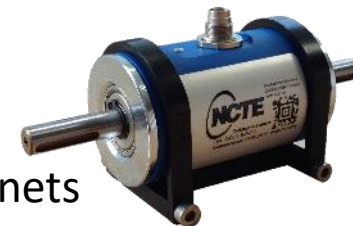
Accessories

- Sensor brackets for 1 Nm version
- Couplings
- Cable



Applications:

- Automotive test facilities
- Test benches
- Robotic and food industry
- Climatic exposure test cabinets (exceeding dew point)
- Process monitoring and Documentation
- Medical engineering
- Monitoring (Plug&Play)
- Fitness and workout gears
- Mechanical conveying technology



Series 3000

The series 3000 covers the **accurate and reliable** professional torque ($\leq \pm 0,2 \%$) measurement technology.



Advantages:

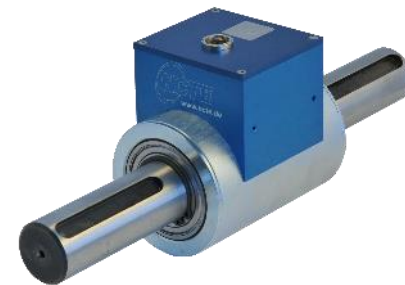
- Best cost effectiveness in it's accuracy class
- Tara Button setting zero value
- Suitable for high volume and accuracy

Applications:

- Laboratory
- Food industry
- Test facilities
- Medical engineering
- Process monitoring
- Quality control
- End-of-Line tests

Accessories

- Couplings
- Cable



Series 4000

The series 4000 covers the **most exact and most professional** torque ($\leq \pm 0,1 \%$) measurement technology.



Advantages:

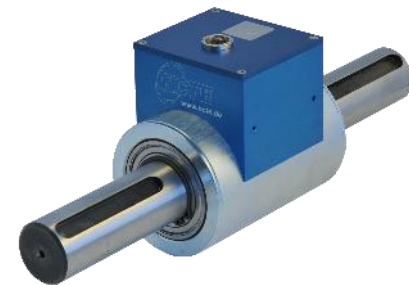
- Best cost effectiveness in it's accuracy class
- Tara Button setting zero value
- Suitable for high volume and accuracy

Applications:

- Laboratory
- Food industry
- Test facilities
- Medical engineering
- Process monitoring
- Quality control
- End-of-Line tests

Accessories

- Couplings
- Cable



Series 5000



The series 5000 is special build for high torque measurements (≥ 10.000 Nm; already applied up to 150.000 Nm).

Advantages:

- Already obstructed up to 150.000 Nm
- Customer-specific calibration
- Ultra robust sensor

Accessories

- Flange
- Cable

Applications:

- High performance automotive test facilities
- Rail applications
- Component stress testing
- Process control of heavy lift charge or container transshipment
- Professional testing constructions
- Quality control

Series 6000 metal bellow coupling

The 6000 series is torque measuring metal bellow coupling.



Advantages:

- One Application
- Integrated coupling
- Customized specification

Applications:

- Automotive test facilities
- Electric motors (Servo motors)
- Machine tools
- Packaging machinery
- Woodworking machines

Accessories

- Cable

Series 7000

The 7000 series is extremely robust and the most reliable torque measuring system.

Advantages:

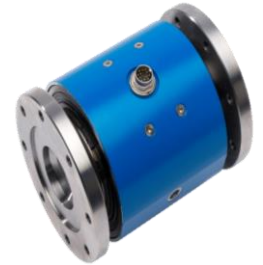
- Made for rough environments
- Simple measuring “in the field” possible
- Flexible connection via additional shaft and bush

Accessories

- Shaft and/or bush
- Cable

Applications:

- Agriculture and Off-Highway
- Test facilities
- Automotive engineering
- Process monitoring
- Quality control



Series 7500

The 7500 series is extremely robust and the most reliable torque measuring system available in compact housing.



Advantages:

- Made for rough environments
- Simple measuring “in the fields” possible
- Compact housing

Applications:

- Agriculture and Off-Highway
- Test facilities
- Automotive engineering
- Process monitoring
- Quality control

Accessories

- Shaft and/or bush
- Cable

Series 8000 bearing unit with integrated torque sensor

The DML is a fully-fledged spindle bearing unit with high running smoothness, load capacity and stiffness. A torque sensor is fully integrated into the spindle bearing unit.

Advantages:

- Torque sensor fully integrated
- High long-term stability
- Stable and reliable under harsh ambient conditions
- Delivered as a complete unit

Applications:

- Test facilities
- Automotive
- Gear tests
- Industry



Note

Please check the following link for all datasheets of NCTE products on a regular basis

English: <http://www.ncte.com/standard-sensors/>

German: www.ncte.de/serienprodukte_downloadbereich/

Please check the following link for high resolution pictures of NCTE sensors. You are allowed to use this pictures for your advertising material and homepage information supporting NCTE Products.

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