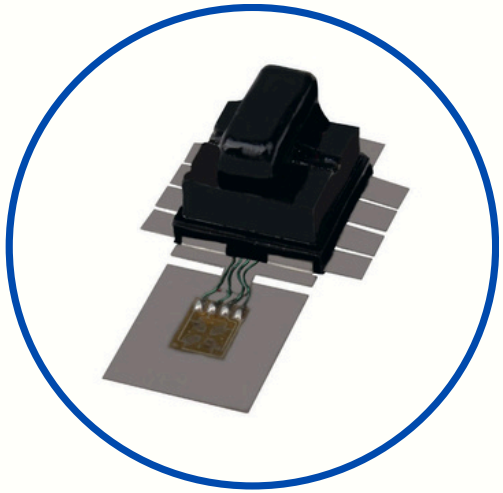
- Application within 3 minutes using microwelding technology, no wiring or gluing needed
- Works with one or two sensor elements; two elements enable automatic bending moment compensation
- Torsion sensors with contactless signal transmission are welded onto the shaft
- Utilizes proven strain gauge technology with over 90 years of field experience
- Integrated telemetry interface with antenna, battery-free and maintenance-free after welding
- High signal sampling rate of 1000 samples/sec for high-resolution and dynamic torque signal detection

Easy to use without any electronic knowledge

- Robust IP67 stator evaluation unit with integrated stator antenna
- Inductive energy and data transmission via an air gap up to 10 mm
- Supply voltage 9...30 V for flexible applications, e.g., in vehicle operation
- Voltage output 2.5 ± 2.25 V and current output 4...20 mA available
- CAN interface for direct signal transmission
- Can be configured and calibrated with MANNER software "Telemetry Interface" in seconds



MANNER Sensortelemetrie GmbH, Eschenwasen 20, 78549 Spaichingen
Tel. Nr.: +49 7424 93290 Email: info@sensortelemetrie.de

MANNER SENSORTELEMETRIE

TeLMAX TORQUE

Powermeter System easy-to-install Torque Measurement without Soldering and Gluing

- Torque
- Speed
- Temperature

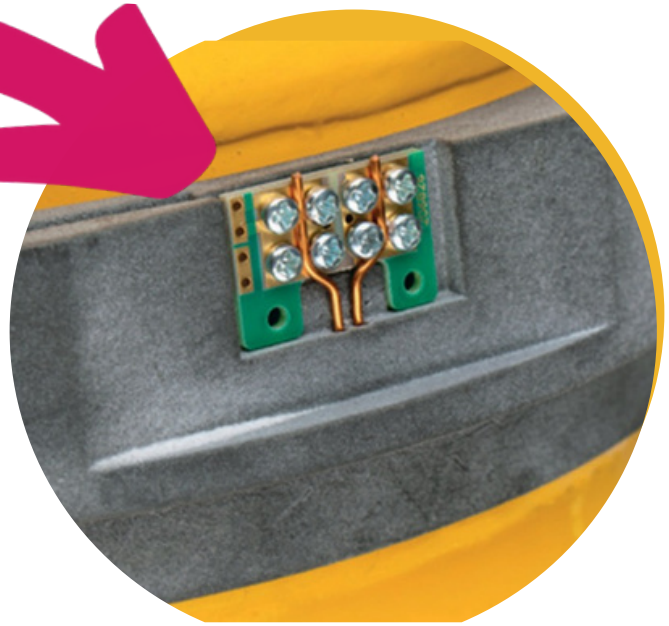
TelMAX Torque

- Elegant method for torque measurement/ monitoring on drive trains and machines
- Suitable for retrofitting due to short installation time
- Can be installed quickly even in harsh environments, unlike classic strain gauge bonding technology

TelMAX Torque is intended to offer an alternative solution to conventional sensor and telemetry applications, particularly in the areas of large machinery, agriculture and drive shafts for trucks and construction machinery.

Antenna system

- Antenna carrier with integrated copper wire and intelligent tuning module for capturing telemetry data up to 10 mm distance
- Made of plastic or 3D printed material, diameter 30 mm to 700 mm
- Copper wire can be easily connected with screws



The rotor application is complete

Your benefits at a glance:

- Easy-to-install Torque Measurement without Soldering and Gluing
- Maintenance free torque measurement system
- Insensitive to magnetic fields, no problem with shaft currents in hybrid or electric drives
- Free choice of material (no need for ferromagnetic materials)
- No influence on the measurement signal due to shaft displacements/radial vibrations