

The entry into torque measurement on rotating shafts - Plug & Play Kit with weldable strain gauges

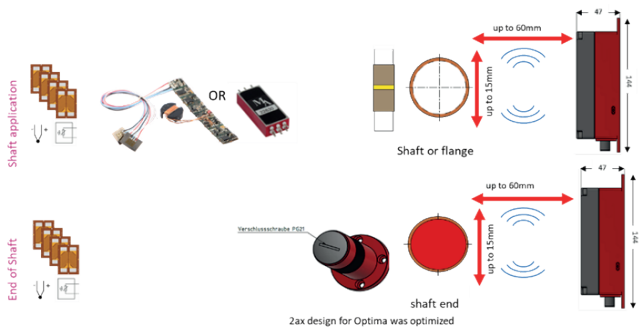


- ✓ Direct measure range torque, temperature and vibrations on rotating parts in real operation
- ✓ Harsh environmental conditions
- ✓ Commissioning of the measuring system by the customer
- ✓ Easy to use system for a quick start into the measuring technology without large training effort
- ✓ Maintenance-free continuous measuring operation without looking at battery or battery level



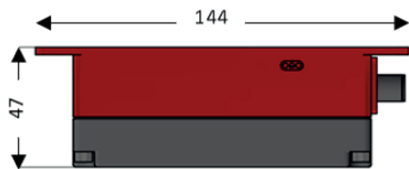
- ✓ Large distances between rotating measuring body and stationary unit to prevent collisions (up to 60 mm)
- ✓ OptiMA receiver 9...36V power supply





Technical Data:

- ✓ Compatible to all MANNER 1- and 2- channel amplifiers
- ✓ Up to 60 mm between shaft & stator possible
- ✓ 12 Pin Binder Plug
- ✓ 9-32 Volt supply
- ✓ Analogue output (+/-10V; 4 to 20 mA; 60kHz +/- 30 kHz)
- ✓ Digital output available: Ethernet/CAN
- ✓ Geometry Stator: 144x47x64 mm



reciver & pick up all in one



End of shaft amplifier compatible to OptiMA



Ensure Ease of Use & Quality Assurance

- ✓ LEDs to directly see system status
- ✓ On board Remote control for:
 - ✓ sensitivity
 - ✓ offset autozero
 - ✓ sensor check

Enabled Monitoring of System Health Data via Software:

- ✓ Data quality and rotor supply voltage
- ✓ Optional: Recording of data via Software
- ✓ Optional Wifi-Interface, Smart-Interface to connect via smartphone to the system for review

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Inductive high distance telemetry System for torque and temperature measurement

- Maintenance free -

System at a glance:

- ✓ Waterproof IP67 Stator Unit with integrated sensor signal outputs
- ✓ No batteries, maintenance free due to inductive supply
- ✓ Rotor kit with integrated antenna adjustment module enables simple application as plug & play
- ✓ Rotor amplifier options: End of shaft, flexible and as block available
- ✓ 1 kHz sampling rate (6400 s/min) (optional 10 kHz)
- ✓ All common analog outputs (Current, Voltage, Frequency) and digital outputs (CAN & Ethernet) available
- ✓ Stator temperature range -25 to 85°C
- ✓ Reliable system tested in rough environments like agriculture



Easy to Use, Robust and Efficient Plug & Play