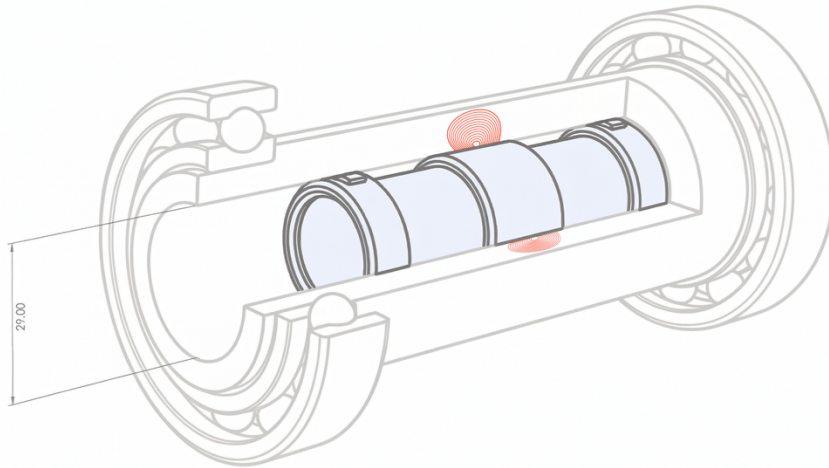


HOLLOW SHAFT SENSOR



Continuous monitoring from the protected core of the shaft



TECHNICAL DATA

METRICS

Stress State: Bending,
Tension, Compression,
Torsion, Acceleration

SAMPLING RATE

100–500 Hz

COMPATIBILITY

Hollow shafts ≥ 29 mm with
accessible bore

DATA TRANSMISSION

Wireless, CAN bus,
encrypted LTE, Dashboard

// APPLICATION 01

CONTINUOUS MONITORING

- Permanent Installation in hollow shafts
- Capture real-world load collectives
- Left/Right load discrimination
- Non-destructive installation in <30 mins

ANWENDUNGSFÄLLE:

- Railway wheelset shafts
- Automotive drive shafts
- Turbine shafts

// APPLICATION 02

STATIONARY INSPECTION (QA)

- Quality Assurance for press-fit connections
- Non-invasive contact pressure mapping
- Inspection in 20 minutes per axle

ANWENDUNGSFÄLLE:

- Railway wheelset assembly
- Gear assembly on transmission shafts
- Break disk mounting