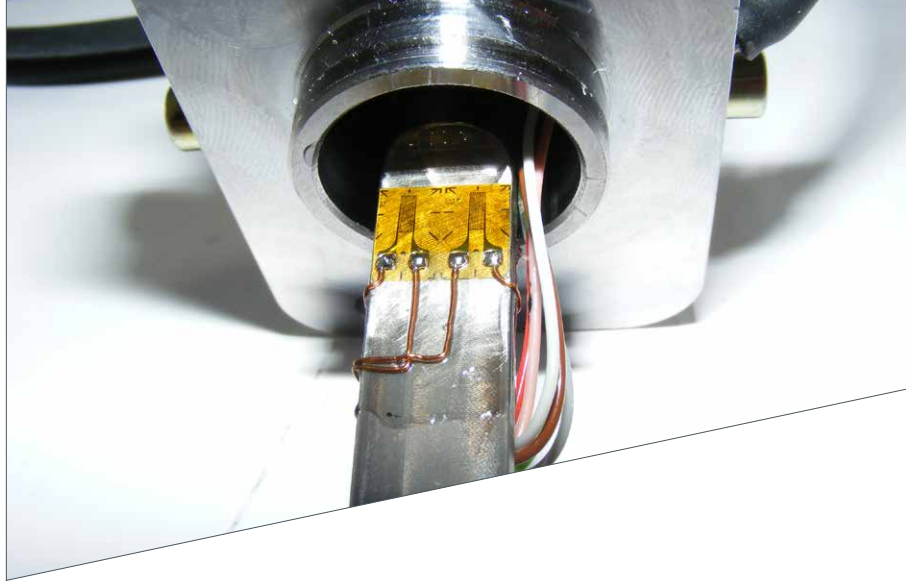


STRAIN GAUGE

APPLICATION AND CALIBRATION



YOUR GLOBAL MOBILITY ENGINEERING EXPERTS

Technical products are subject to extreme loads in the course of their life cycle. Strain gauges are applied to the surface of components with a special adhesive for the experimental determination of shape changes. Due to the deformation of the measuring strip and the resulting change in the resistance of the strain gauge, mechanical tension and thus the stress on the material can be determined.

With the help of strain gauges, static and dynamic loads on e.g. machines and components can be measured.

An overview of our services

- Professional strain gauge application using cold or hot curing adhesives according to the conditions of use
- Strain gauge installations also for severe environmental conditions such as hot oil, fuels or rotating components (e.g. crankshaft / crankshaft housing).
- Connection as quarter, half and full bridges
- Measurement of bending moments, torsion and axial forces
- Temperature measuring points
- Calibration on in-house test benches with a calibration protocol

We have the right test facility for almost everything

Our accredited (DIN EN ISO/IEC 17025:2018) test laboratories offer universal equipment. We work together across locations. This means that we not only have more than 26,000 square meters of test field at our disposal, the know-how of over 500 employees is also available.

Our test locations:

Wolfsburg, Fulda, Ingolstadt, Böblingen, Munich, Puebla (Mexico)

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