

## **Force transducers and strip tension sensors**

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### **Maintenance**

Force transducers and tension sensors from *HAEHNE* are basically maintenance-free. However, the force gauges should be recalibrated if the test overload has been exceeded after a repair or other improper handling or changes have taken place.

If the force transducer is overloaded, the zero force value should always be checked. Force and strip tension sensors must not be opened. The systems contain no wear or spare parts. The force measuring devices should be recalibrated according to defined cycles / intervals. The user is responsible for observing a reasonable period of time to repeat the calibration. For critical applications, we also recommend the spare parts inventory of the corresponding sensors. The same applies to electronic units.

### **Safety**

In the event of visible damage or malfunctions, the force transducers and tension sensors must be taken out of operation immediately. Defective devices must be replaced immediately. Force and strip tension sensors must not be opened. Improper opening will invalidate the guarantee or the ATEX approval for explosion-proof versions.

Repairs to *HAEHNE* devices may only be carried out by specialist personnel authorized by the manufacturer with original spare parts.

Defective electronic units must be disconnected from the mains and replaced immediately. The opening of electronic units and any adjustment work inside the device may only be carried out by authorized specialist personnel.

The applicable regulations and safety regulations for low and high voltage electrical systems as well as the national safety regulations must be observed.

Authorized personnel for installation, inspection, maintenance and operation are persons who have professional training, technical experience and knowledge of the relevant standards and guidelines and who are also able to assess their tasks and recognize potential dangers at an early stage .

Improper repairs can result in considerable dangers and damage to the user.

*HAEHNE* Elektronische Messgeräte GmbH cannot be held responsible for damage caused as a result of failure to observe the safety instructions.