

# Force transducer Series KL



## Measuring small forces with great precision

- Nominal loads from 5N to 100 N
- Accuracy class 0.03
- Resistant to disruptive forces and torques
- With protector to prevent excessive stress
- Simple assembly from one side possible



## Force transducer Series KL



### Properties and Features

A long service life and long-term reliability thanks to disproportionately high mechanical stability during both operation and assembly due to its particularly constructive design.

Secured against unintentional violation of permissible nominal loads: the transducer is safeguarded by integrated mechanical protectors.

Even in cramped spaces, the transducer can be assembled quickly and conveniently – from one side.

A wide range of attached parts guarantee optimum adaptation to suit your application, and to measure tensile and compression forces.



### Application areas

The KL series can be used optimally for all applications – such as medical engineering and plastics technology – that have stringent requirements for precision when measuring small forces.

KL series force transducers that measure tensile and compressive forces guarantee correct measurements even if transverse forces or bending torques apply.



### Versions

A number of attached parts are available for optimum assembly and measurements in a wide range of applications. There are a large number of designs.

Guaranteeing fail-safe and correct transmission of measurement signals to DMS measurement amplifiers thanks to high-quality six-wire connection lines. Standard length 5 m; other lengths available on request.

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