



More Precision

capaNCDT // Capacitive sensors for displacement, distance & gap



Full compatibility and maximum precision

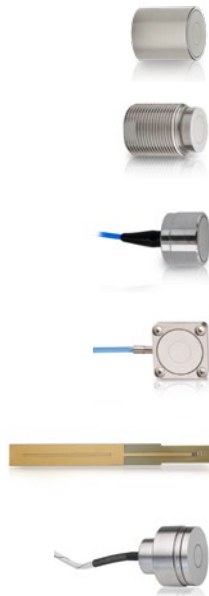
- Sensors, cables and controllers are compatible with each other
- Sensor replacement without re-calibration
- Optional linearity calibration (LC) for even greater precision

The right materials for every requirement – from laboratory to industry

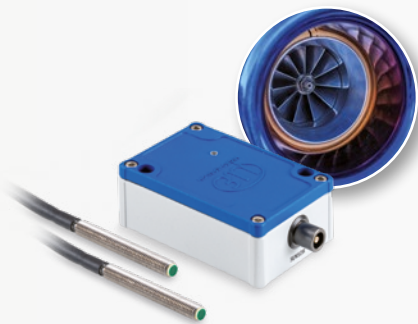
- Particle-free, low-outgassing materials for cleanroom and vacuum applications
- Non-magnetic materials such as titanium and stainless steel for environments with strong magnetic fields
- Robust, temperature-resistant materials: mechanically stable for use at high and low temperatures

- Max. cable length: 40 m
Standard 1.4 m / 2.8 m
- Industrial cable:
 - Crush-resistant with protective metal tubing
 - EMC resistant
 - Temperature-resistant up to +200 °C
 - Models for drag chain
- Cables for vacuum and cleanroom (low-outgassing)

Sensors



- Homogeneous measuring field and flush mounting due to additional guard electrode
- Robust sensors for extreme conditions, including cleanroom and UHV
- Ambient temperatures from -270 to +800 °C
- More than 50 standard sensors
- Measuring ranges from 0.05 mm to 10 mm
- Worldwide smallest sensor size
- A wide range of housing designs for every installation situation and mounting type
- Customer-specific modifications and OEM development



Rotational speed measurement
capaNCDT CST6110



Mobile gap measurement
capaNCDT MD6-22



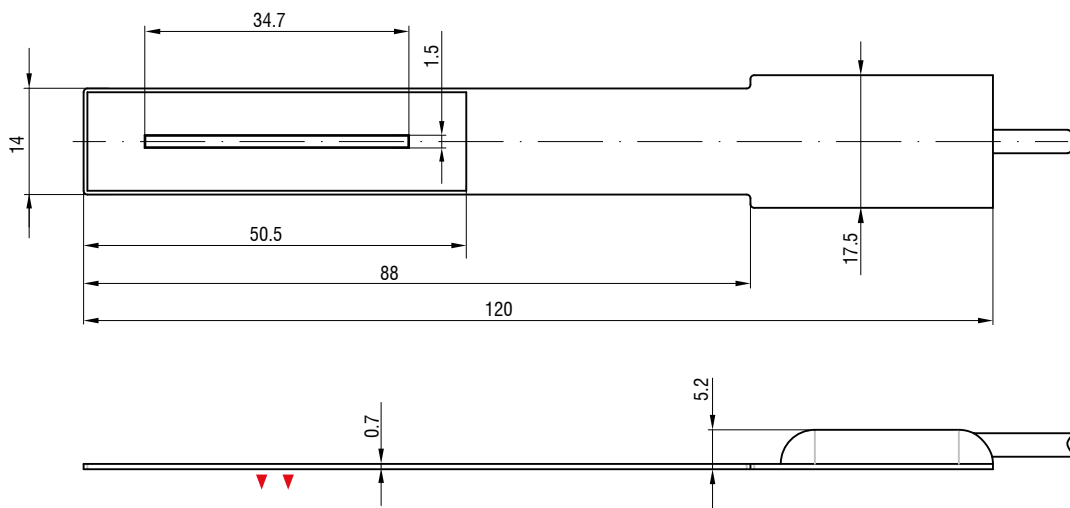
Measurement of the brake disc thickness
capaNCDT DTV

Dimensions

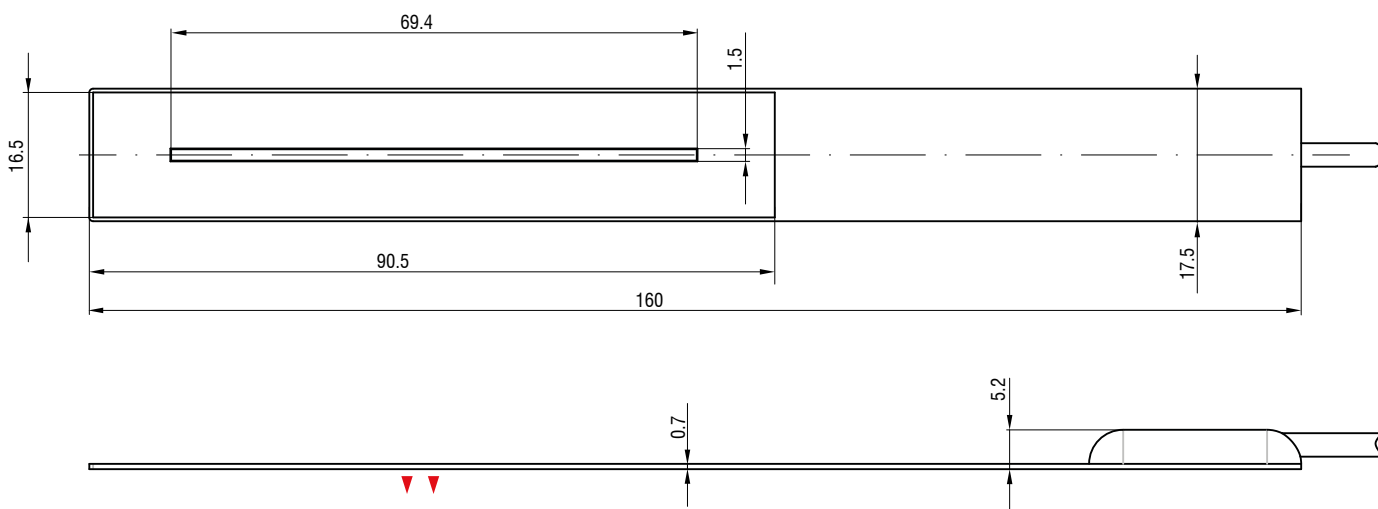
capa^{NC}DT CSF

Flat sensors with integrated sensor cable

CSF2-CRg4.0



CSF4-CRg4.0



CSF6-CRg4.0

