

## Crimping Line

# Piezo Force Sensor FTC208

Piezoelectric sensor for measuring deformation forces, e.g. during the crimping process. The sensor generates a voltage, which is transmitted via an electrode to the integrated charge amplifier. In combination with a crimp force monitor, the sensor is ideally suited for quality monitoring during the crimping process. The sensor can either be embedded in the ram or in the base plate of a crimping press.

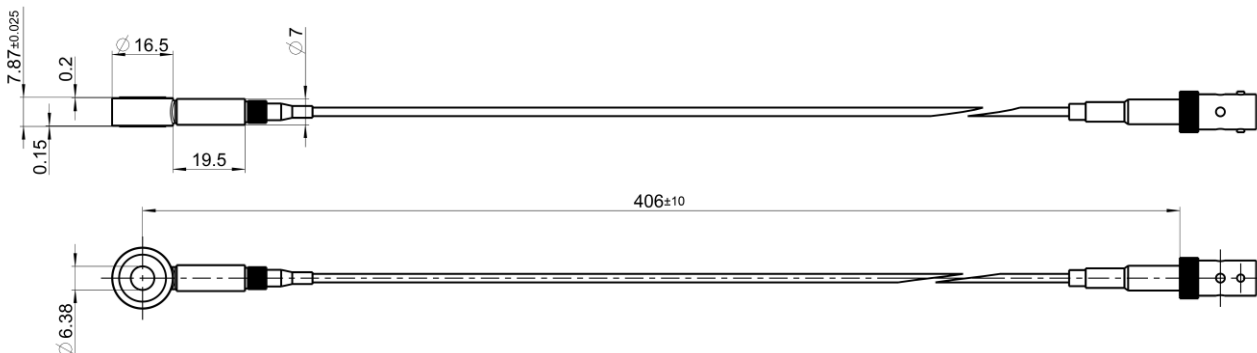
### Performance features

- ⊗ Rugged and solid construction
- ⊗ Exceptional stability and repeatability
- ⊗ Built-in type amplifier to operate by a constant-current signal
- ⊗ Wide linear dynamic measurement range
- ⊗ High overload stability
- ⊗ BNC connection
- ⊗ Measurement range up to 20 kN
- ⊗ With screwed cable



### Technical data

⊗ Measurement range	up to 20 kN
⊗ Sensitivity	0.26 mV/N +/- 10%
⊗ Temperature range	-20°C to +80°C
⊗ Output impedance	< 100 Ohm
⊗ Output DC Voltage	11 V ± 2 V



All dimensions in mm