

Crimping Line

Piezo Force Sensor FTW20

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.

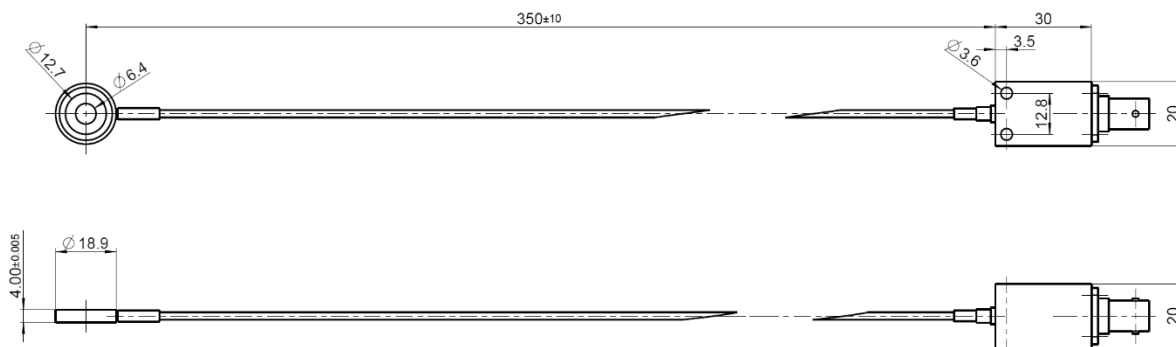
Performance features

- ⊗ 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 fixed 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