Piezo Force Sensor FTW255

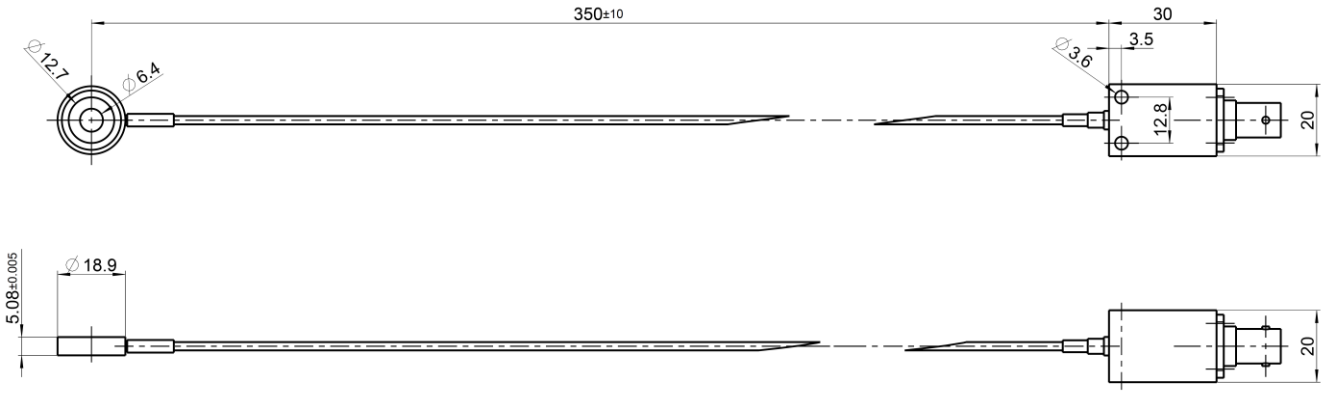
Piezoelectric sensor for measuring deformation forces, e.g. during the crimping process. The sensor generates a voltage, which is transmitted via an electrode to the integrated charge amplifier. In combination with a crimp force monitor, the sensor is ideally suited for quality monitoring during the 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 25 kN
- With fixed cable

Technical data

Measurement range	up to 25 kN
Sensitivity	0.204 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

DEKRA certified
Quality Management
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10/2020