"Your monitoring specialist"



Crimping Line

Piezo Force Sensor RH202 M45

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 constantcurrent signal
- Wide linear dynamic measurement range
- High overload stability
- BNC connection
- Measurement range up to 44 kN
- With screwed cable



Technical data

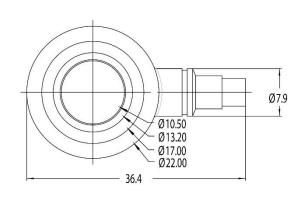
\bigotimes	Measurement range	up to 44 kN
3	Sensitivity	112.4 mV/N +/- 10%

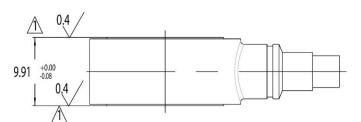
- Sensitivity
- Preload
- Semperature range
- Max. static force
- Excitation voltage
- Constant current excitation
- Output impedance
- 📀 Output Bias Voltage
- 20 30 VDC 2 - 20 mA < 100 Ohm 8 - 14 VDC

-54 °C to +121 °C

c. 9 kN

66 kN





All dimensions in mm



Quality Management Environmental Manage ISO 9001 SO 14001

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