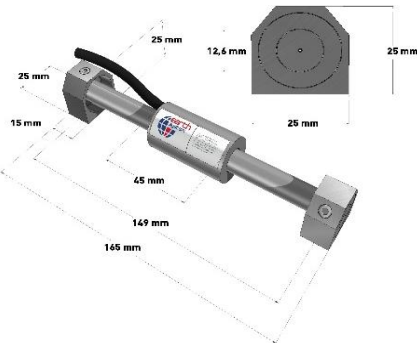


TECHNICAL FEATURES

- ✓ Type of sensor: full bridge;
- ✓ Wheatstone bridge: input resistance 350 Ω, output resistance 350 +/- 5 Ω;
- ✓ Nominal range: +/- 1400 µε;
- ✓ Sensitivity: 2 mV/V;
- ✓ Accuracy: +/- 0.2% F.S.;
- ✓ Power supply: 2-15 Vdc;
- ✓ Output signal: mV/V;
- ✓ Operating temperature: -15/ +70 °C;
- ✓ Material: aluminium;
- ✓ Protection level : IP 68.



Strain gauge dimension



Strain gauge with improved bond anchoring blocks for fixing on concrete walls improved

The resistive strain gauge is widely used to monitor deformation in metal structures onto which it is fixed.

The strain sensor cells are installed at the center of the instrument according to a special configuration that allows compensation of the electrical signal from thermal and bending effects.

The strain gauge sensor can act both a tensile and compression instrument. The sensor is coated in resin to preserve the instrument functions in case of immersion

or hit. Used to measure deformation in tunnel linings, steel uprights, and foundation pile rebars and partition structures. Provided with improved bond anchoring blocks for monitoring concrete walls or rock.

CE product compliant with European directives

DIMENSIONS	
body length	45 mm
body diameter	25 mm
total length of the sensor	165 mm
anchoring blocks thickness	16 mm
anchoring blocks width	25 mm