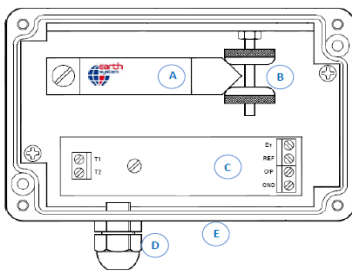


**TECHNICAL FEATURES**

- ✓ Type of sensor: uniaxial electrolytic;
- ✓ Measuring range: +/- 3°, +/- 1°, +/- 0.5°;
- ✓ Repeatability: +/- 0.0009° % F.S.;
- ✓ Resolution: <0.0003°;
- ✓ Supply voltage: 9-24 VDC;
- ✓ Output signal: 0-5 VDC;
- ✓ Operating temperature: from -20°C to +55°C;
- ✓ Temperature sensor: NTC.



- (A) electrolytic sensor housing and temperature sensor
- (B) accuracy adjustment system
- (C) PCB for signal conditioning
- (D) signal cable output
- (E) tiltmeter box with fixing holes to the bracket

**CE** product compliant with European directives

The uniaxial tiltmeter is a top precision instrument with very narrow measuring field that can measure tilting variations of the structure onto which it is fixed. It is used to monitor building walls and overpass piles. It consists of an aluminium box containing the sensor whose output signal is proportional to the instrument's tilting angle with reference to the horizontal plane. It can be fixed either

using an aluminium bracket of various length or a single base. The accurate tilting adjustment system allows the sensor to be placed with extreme precision with respect to the horizontal plane.

<b>DIMENSIONS</b>	
Case material	Painted aluminium
Case dimension	140x78x58

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system certified according to UNI EN  
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