TECHNICAL FEATURES

- ✓ Measuring range: +/-5°, +/- 10° and +/- 15° available;
- ✓ Type of sensor: Biaxial MEMS;
- ✓ Output signal: 4-20 mA;
- ✓ Power supply: 10-32 VDC
- ✓ Resolution: 0,0001°;
- ✓ Repeatability: +/- 0,0015° (+/- 0,026 mm/m);
- ✓ Accuracy: +/- 0,0020° (+/- 0,034 mm/m);
- ✓ Operating temperature: -20 °C to +70°C;
- ✓ Type of installation: horizontal;
- ✓ Protection level: IP67/68.
- ✓ Case material: aluminium or Polycarbonate;
- ✓ Thermistor integrated: NTC.

The MEMS analog tiltmeter is a precision instrument that measures tilting changes of the structure onto which it is fixed.

It is mainly used to monitor buildings walls, overpass piles, embankments, rock walls.

It consists of an aluminium or polycarbonate body that holds the MEMS sensor. The output signal is proportional to the tilting angle of the instrument with reference to the horizontal plane.

It can either be fixed to a variable length aluminium bracket or to a single ball joint support for ideal space positioning.

DIMENSIONS	
Case dimension	78x72x57 mm
Case material	painted aluminium / polycarbonate

CE product compliant with European directives