

TECHNICAL FEATURES

- ✓ Measuring range: $\pm 5^\circ$, $\pm 10^\circ$, $\pm 30^\circ$;
- ✓ Type of sensor: Biaxial MEMS;
- ✓ Supply voltage: 10-32 V DC;
- ✓ Output signal: 4-20 mA;
- ✓ Accuracy: ± 0.17 mm/m, ± 0.34 mm/m, ± 1.04 mm/m;
- ✓ Thermal drift: $\pm 0.3\%/^\circ\text{C}$;
- ✓ Protection level: IP68;
- ✓ Operating temperature: -40°C to $+85^\circ\text{C}$;
- ✓ Type of installation: horizontal;
- ✓ 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 sensors set orthogonally to each other, one for the x axis and one for

the y axis. Their 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.

We reserve the right to carry out modifications to our products and their specifications

CE product compliant with European directives

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