

TECHNICAL FEATURES

- ✓ Type of sensor: biaxial electrolytic;
- ✓ Measuring range: +/-5°, +/-10°, +/-14.5°;
- ✓ Resolution: better than 6×10^{-4} ;
- ✓ Repeatability: 0.015% F.S.;
- ✓ Power supply: 12/24 V DC;
- ✓ Output signal: RS485 digital mode;
- ✓ Operating temperature: from -40° to +85°C;
- ✓ Thermal drift: 0.1%/°C;
- ✓ Type of installation: horizontal;
- ✓ Protection level: IP 68;
- ✓ Temperature sensor integrated. NTC.



The electrolytic digital tiltmeter is a precision instrument that measures the tilting change of the structure onto which it is fastened.

It is mainly used to monitor building walls, overpass piles, embankments, rock walls, and railways lines.

It consists of a body in aluminium or polycarbonate that contains a biaxial electrolytic tilt sensor whose output signal is proportional to the instrument's tilting angle 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.

The output signal is digital RS485. The digital RS485 signal offers the advantage of simplifying the cabling with one single 4 wire cable for communication and supply to each sensor.

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

CE product compliant with European directives

DIMENSIONS	
Case dimension	126x80x59 mm
Case material	anodized aluminium / polycarbonate

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company quality management
system certified according to UNI EN
ISO9001:2015

