

DIGITAL TILTMETER (RS485)

Description

Tiltmeters are used to monitor changes in the inclination of structures, walls, retaining walls, rock masses, and to assess the behavior of bridges or loaded beams. A triaxial MEMS-type sensor, this tool detects the angular variation of structures, providing useful information regarding rotational movements.

The compartment that contains the sensors and the conditioning electronics is completely resinated in order to ensure maximum resistance over time against water infiltration.

Gestecno also provides the accessories required for mounting on both horizontal and vertical supports.

Please Specify

CODE	PRODUCT DESCRIPTION
CLS-100	Digital tiltmeter (RS485)
CAV-400	Cable 2*24AWG + 2*16AWG



Technical Specifications

Sensor	3D MEMS
Range	+/-90°
Power supply	12-24 Vdc
Output signal	RS485 (prot. Modbus RTU)
Resolution	≤ 0.001% F.S. (≤ 0.001°)
Repeatability	≤ 0.01% F.S. (+/-0,01°)
Accuracy	≤ 0.01% F.S. (+/-0,01°)
Long term stability	< 0.02°
Operating temperature	-20.....+60 °C
Dimensions	80x75x57 mm
Container material	Aluminium
Protection class	IP67

For further information

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