

INCLINOMETER CHAIN

Deformation monitoring

Product description

The inclinometer chain **monitors the overall deformation of a structure and millimetre-scale displacements over long spans.**

Each aluminium segment is mounted on biaxial articulated supports, providing the freedom of movement required to monitor all variations in the structure. Measurement is performed using a DELTA R mounted on each segment.



- ✓ Remote monitoring
- ✓ Continuous monitoring
- ✓ Wireless
- ✓ Battery life from 1 to 7 years*

Technical specifications

MAIN FEATURES

Measurement types	Deformation and temperature monitoring
Dimensions	Segments from 0.5 to 2 m
Battery life	From 1 to 7 years* II 3.6 V - 17 Ah battery <i>*Depending on the measurement interval and network used</i>
Communication	Bluetooth & LPWAN radio

ACCURACY AND PERFORMANCE

Measurement frequency	From 10 minutes to 24 hours
Measurement range	$\pm 10^\circ$ ($\pm 30^\circ$ adjustment of the installation position)
Angular accuracy	0,01°
Temperature accuracy	$\pm 1^\circ\text{C}$
Angular resolution	0,01°

MÉMOIRE ET STOCKAGE

Internal memory	250,000 measurements
Remote Storage	Radio data transmission via Sigfox LTE-M coming soon

OPERATING CONDITIONS

Operating T°	-20°C to +60°C
Additional feature	Modular design to suit your needs Specific technical modules: beams, half-beams, columns, rails, etc.



NEED MORE INFORMATION?

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