

DELTA R

Connected tilt sensor

Product description

The DELTA R is a connected biaxial tilt sensor designed to **monitor the inclination movements of walls and structures** with high precision and complete autonomy.



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



Railway monitoring



Landslide monitoring

Technical specifications

MAIN FEATURES

Measurement types	Biaxial tilt and temperature monitoring
Dimensions	8x8 cm / 5 cm thick
Weight	350g
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	$\pm 10^\circ$
Accuracy	0.01 ° (inclination)
Temperature accuracy	$\pm 1^\circ\text{C}$
Resolution	0.01° (angles) - 1 °C (temperature)

MEMORY AND STORAGE

Internal memory	250.000 measurements
Remote storage	Radio data transmission via Sigfox LTE-M upcoming

OPERATING CONDITIONS

Operating T°	-20 °C to +60 °C
Protection rating	IP66

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DEFORMATION
Inclinometer chain

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