

DELTA X-L100

Connected large-displacement crack sensor

Product description

The DELTA X-L100 is a connected electronic sensor specifically designed to accurately **monitor large crack movements**.

It provides a displacement range from 0 to 100 mm. Equipped with a displacement sensor, it features dedicated ball-joint mountings for easy attachment at both ends.



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

Technical specifications

MAIN FEATURES

Measurement types	Large-displacement crack and temperature monitoring
Cable length	2 m <i>*Cable extension available</i>
Crack sensor length	175 mm
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	0 to 100 mm (± 1)
Accuracy	$\pm 0.2\%$ FS
Temperature accuracy	$\pm 1^\circ\text{C}$
Resolution	0.01 mm (linear displacement) – 1°C (temperature)

MEMORY AND STORAGE

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
Protection rating	Housing protection — IP66 Probe protection — IP65



NEED MORE INFORMATION?

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