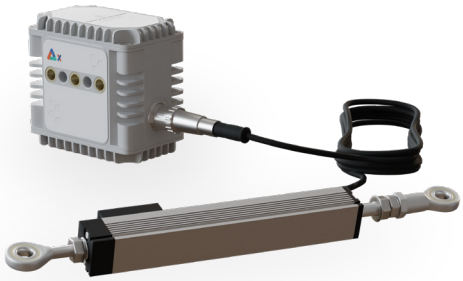
PRODUCT SHEET

DELTA X-L100

Large-amplitude crack sensor

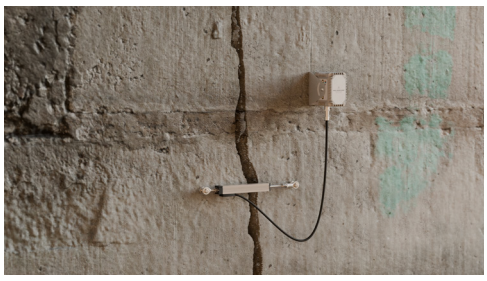
Product description

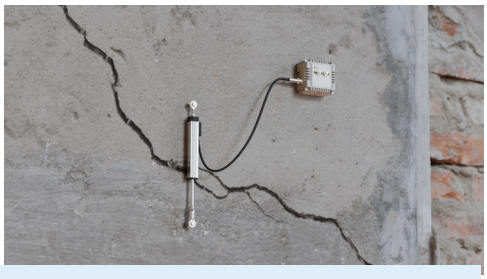
The DELTA X-L100 is a connected electronic sensor designed specifically to **accurately monitor large-amplitude crack movements.** It offers a displacement range of 0 to 100 mm. Equipped with a displacement sensor, it features special ball joints for easy mounting at both ends.



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







Technical specifications

MAIN SPECIFICATIONS

Measurement type	Monitoring large-amplitude cracks and temperature
Housing dimensions	9 x 8 x 5 cm
Probe dimensions	2.7 x 1.8 x 22 cm
Weight	277 g (housing) + 210 g (probe)
Cable length	2 m **Cable extension available*
Battery life	1 to 7 years* ll 3.6 V - 17 Ah battery **depending on the measurement interval and network used*
Communication	Bluetooth & LPWAN radio

ACCURACY AND PERFORMANCE

Measurement interval	10 minutes to 24 h
Measurement range	0 to 100 mm (±1)
Accuracy	± 0.2% FS
Temperature accuracy	± 1 °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 temperature	-20 °C to +60 °C
Housing protection	IP66
Probe protection	IP65

NEED INFORMATION?

contact@feelbat.fr