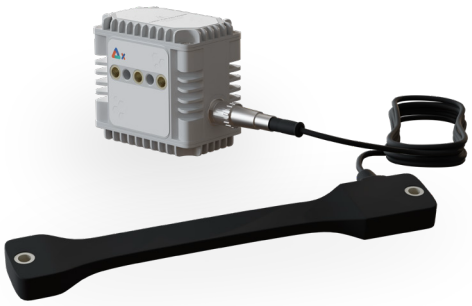
PRODUCT DATASHEET

DELTA X-L100S

Submersible crack sensor

Product description

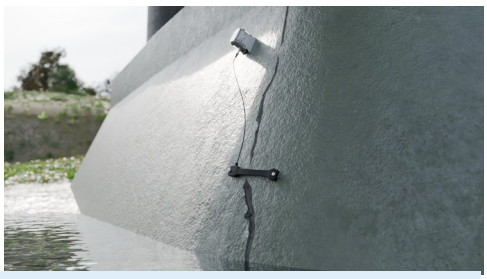
This connected crack gauge provides **precise monitoring of crack movements, even when submerged or in extreme environments.** Available with a stroke of 100 or 250 mm, it is designed to withstand water, dust and the most demanding weather conditions.



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







NEED MORE INFORMATION?

contact@feelbat.fr

Technical specifications

KEY FEATURES

Measurement type	Submersible crack monitoring and temperature
Probe dimensions	22.5 x 4 x 1 cm
Enclosure dimensions	9 x 8 x 5 cm
Weight	277 g (enclosure) + 725 g (probe with cable)
Cable length	10 m **Cable extension available*
Battery life	1 to 7 years* ll 3.6 V - 17 Ah battery **depending on measurement interval and network used*
Communication	Bluetooth & LPWAN radio

ACCURACY AND PERFORMANCE

Measurement interval	10 minutes to 24 h
Measurement range	100 or 250 mm (±1)
Accuracy	0.5 % FS
Temperature accuracy	± 1 °C
Resolution	0.01 mm (linear displacement) - 1 °C (temperature)

MEMORY AND STORAGE

Internal memory	250,000 measurements
Remote storage	Data transmitted by Sigfox radio *LTE-M coming soon*

OPERATING CONDITIONS

Operating temperature	-20 °C to +60 °C
Enclosure protection	IP66
Probe protection	IP68
Additional features	Compensation for environmental variations