

## DELTA L+

### Connected crack sensor



### Product description

The DELTA L+ is a connected electronic sensor designed to **monitor crack movements autonomously** and with high accuracy.



- ✓ Remote monitoring
- ✓ Continuous monitoring
- ✓ Wireless
- ✓ Battery life from 1 to 5 years\*



### Technical specifications

#### MAIN FEATURES

|                          |                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Measurement types</b> | Crack and temperature monitoring                                                                               |
| <b>Battery life</b>      | From 1 to 5 years* II 3.6 V - 2.6 Ah battery<br><i>*Depending on the measurement interval and network used</i> |
| <b>Dimensions</b>        | 14,5 cm x 4,7 cm x 3,5 cm                                                                                      |
| <b>Weight</b>            | 250g                                                                                                           |
| <b>Communication</b>     | Bluetooth & LPWAN radio                                                                                        |

#### ACCURACY AND PERFORMANCE

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| <b>Measurement frequency</b> | From 10 minutes to 24 hours                                     |
| <b>Measurement range</b>     | 0 to 25 mm ( $\pm 1$ )                                          |
| <b>Accuracy</b>              | $\pm 0.1\%$ FS                                                  |
| <b>Temperature accuracy</b>  | $\pm 1^\circ\text{C}$                                           |
| <b>Resolution</b>            | 0.01 mm (linear displacement) – $1^\circ\text{C}$ (temperature) |

#### MEMORY AND STORAGE

|                        |                                    |
|------------------------|------------------------------------|
| <b>Internal memory</b> | 250,000 measurements               |
| <b>Remote Storage</b>  | Radio data transmission via Sigfox |

#### OPERATING CONDITIONS

|                          |                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating T°</b>      | -20°C to +60°C                                                                                                                                                       |
| <b>Protection rating</b> | IP66                                                                                                                                                                 |
| <b>Mounting options</b>  | Three mounting kits available: <ul style="list-style-type: none"> <li>- Solid substrate mount</li> <li>- Hollow substrate mount</li> <li>- Magnetic mount</li> </ul> |

#### NEED MORE INFORMATION?

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