

Datasheet

2D - Sensor

The patented high-tech sensor for digital long-term monitoring of movements. The SuessCo 2D-Sensor precisely captures absolute position changes between two objects. It measures the two spatial axes (X, Y) and temperature data. All data is digitally recorded and wirelessly transmitted to a monitoring platform.



Made in
Austria 

Applications:

- Monitoring of cracks
- Monitoring of joints on infrastructures and buildings
- Movements or settlements in industrial applications

Key Features:

- Motion measurement of the two spatial axes (X, Y)
- Easy installation (Plug & Play)
- High accuracy with no drift
- Integrated temperature sensor
- Monitoring platform

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Dimensions	Key Values	Data Acquisition
<p>Sensor: 260 mm x 100 mm x 51 mm Weight incl. plate: 690g</p>	<p>Measurement range: X-Axis: 30 mm Y-Axis: 30 mm Temperature: -20 °C to +54 °C</p>	<p>Battery life: Up to 10 years at 1 reading per day</p>
<p>Reference object: 26 mm x 118 mm x 26 mm Weight: 75g</p>	<p>Repeatable accuracy: Axes X,Y: ± 100 µm Temperature: ± 0,5°C</p>	<p>Data transmission and storage: LTE-M, Monitoring-platform</p>

