

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 with an integrated alarm function.



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 with alarm function

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Dimensions	Key Values	Data Acquisition
Sensor: 260 mm x 100 mm x 51 mm Weight incl. plate: 690g	Measurement range: X-Axis: 30 mm Y-Axis: 30 mm Temperature: -20 °C to +54 °C	Battery life: Up to 10 years at 1 reading per day
Reference object: 26 mm x 118 mm x 26 mm Weight: 75g	Repeatable accuracy: Axes X,Y: $\pm 50 \mu\text{m}$ Temperature: $\pm 0,5^{\circ}\text{C}$	Data transmission and storage: LTE-M, Monitoring-platform

