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
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: ± 50 µm Temperature: ± 0,5°C	**Data transmission and storage:** LTE-M, Monitoring-platform

www.suessco.com
sensors@suessco.com