

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

