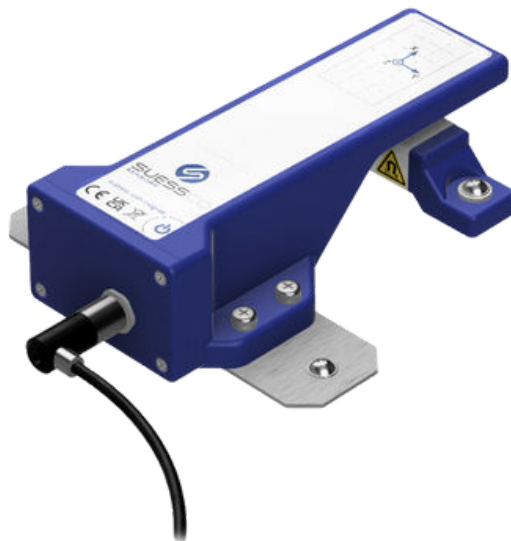




Datasheet

3D – Sensor XT

The patented high-tech sensor for digital long-term monitoring of movements. The SuessCo 3D-Sensor XT extends the functionality of the proven 3D-Sensor with an external power supply. It precisely captures absolute position changes between two objects and measures the three spatial axes (X, Y, Z) as well as 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 tunnels, joints and cracks
- Monitoring of infrastructure and buildings
- Movements or settlements on industrial sites

Key Features:

- Motion measurement of the three spatial axes (X, Y, Z)
- Easy installation (Plug & Play)
- High accuracy and no drift
- Integrated temperature sensor
- Increased battery life and measurement intervals
- External battery box (included)

Datasheet

3D – Sensor XT



Dimensions	Key Values	Data Acquisition
Sensor: 170 mm x 100 mm x 51 mm Weight incl. plate: 418g Cable: 2m	Measurement range: X-Axis: 60 mm Y-Axis: 30 mm Z-Axis: 20 mm Temperature: -20 °C to +54 °C	Battery life: Up to 10 years with hourly measurement (adjustable measuring interval)
Reference object: 26 mm x 118 mm x 26 mm Weight: 75g	Repeatable accuracy: Axes X,Y,Z: $\pm 50 \mu\text{m}$ Temperature: $\pm 0,5^\circ\text{C}$	Data transmission and storage: LTE-M, Wi-Fi, Monitoring-platform

3D-Sensor XT with battery case



Reference Crack Application

