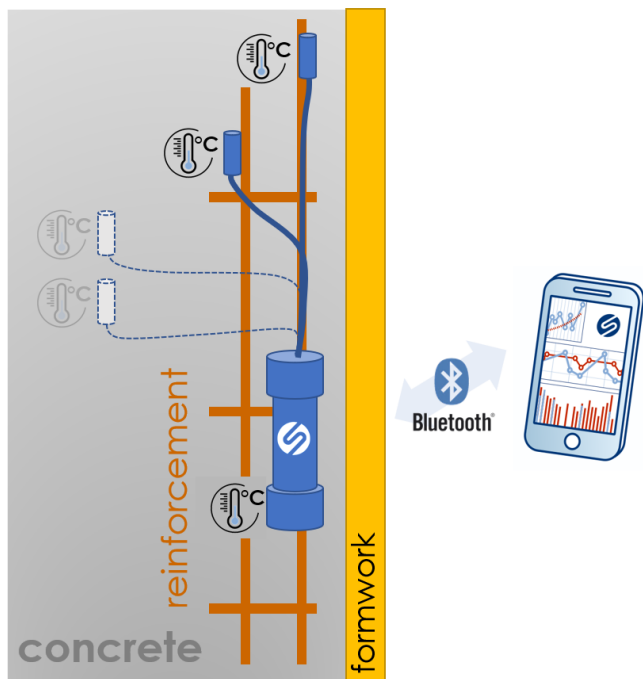


Wireless Concrete Sensor



Description

The Wireless Concrete Sensor from SuessCo Sensors consists of a communication module, which enables wireless reading of data out of the concrete, and connected sensors. Up to 10 sensors can be connected to one communication module. The main application is the measurement of the temperature curve of the concrete during the curing phase for documentation and quality assurance or to provide the right time for formwork stripping.

Data acquisition

- via Bluetooth
- Stores locally on the logger and online
- Measuring interval can be set individually
- Battery life approx. 3 months or passive operation for long-term use possible

Advantages

- Wireless communication out of concrete
- Highly robust construction - withstands heavy mechanical loads

Applications

- Is attached to the reinforcement and cast in concrete
- Wireless readout of data e.g. via smartphone (Bluetooth)
- Up to 10 additional sensors per communication module (e.g. temperature, humidity) possible

Abstract

The technology of SuessCo Sensors allows data to be wirelessly read from the concrete and digitally processed. In case of critical temperature limits, the system can react accordingly. The required documentation for quality assurance is digital and simple.



Dimensions

- Communication module : 14cm x 3cm

