

# Analogue sensor module for Niko Home Control

**550-00230**

4 year warranty

Up to three external analogue sensors can be connected to the Niko Home Control installation using the analogue sensor module. The sensors must be suitable for use in applications with safety extra-low voltage (SELV). This type of sensor is used for measuring sunlight, wind, rain, CO<sub>2</sub>, humidity, or temperature. In function of the values measured, applications such as sunblinds, roll-down shutters, and lights can be operated automatically.

## Technical data

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- Function: Up to three external analogue sensors can be connected to the Niko Home Control installation using the analogue sensor module. The sensors must be suitable for use in applications with safety extra-low voltage (SELV). This type of sensor is used for measuring sunlight, wind, rain, CO<sub>2</sub>, humidity, or temperature. In function of the values measured, applications such as sunblinds, roll-down shutters, and lights can be operated automatically.

When a connected sensor is activated, the corresponding input will receive a signal between 0 and 10 V and the module will forward this value and the address to the controller, which then activates one or several pre-programmed actions. Each value corresponding to a certain input voltage is set via the programming software. Activation of a connected sensor can be simulated by pressing the button. The real input will in that case be deactivated for two minutes.

The distance between the sensors and the module should not exceed 100 m. A maximum of three sensors can be connected per module. Up to 10 modules can be connected per installation.

When the module is functioning properly, the STATUS LED will light up in TEST mode only. If one or several errors occur, the LED will blink to indicate the error code of the error with the highest priority.

Suitable for sensors with an output of 0-10 V (SELV)

Maximum distance between sensors and sensor module: 100 m

- Sliding contact to connect the module to the following module on the DIN rail
- Connection terminals: 1 x 4 screw terminals
- Wire capacity
  - 3 x 1,5 mm<sup>2</sup> or 2 x 2,5 mm<sup>2</sup> or 1 x 4 mm<sup>2</sup> wire per terminal
- DIN dimensions: DIN 2TE
- Dimensions (HxWxD): 91.7 x 35 mm
- Marking: CE

