



## CA-550 Tilt detector

The **CA-550 tilt detector** detects movement of the car in **two axes** (x and y). No mechanical parts are used in the detector. Detection is achieved through **electronic acceleration metering**.

○ [Declaration of conformity - CA-550 \(PDF 313.24 kB\)](#)

### Description

The digital analysis used in this detector ensures **high resistance** against the **false alarms**. When the alarm is armed (power supply connected) the reference position of the detector is stored in the **memory** after which the position of the detector is continuously checked, compared and updated. If the tilt of the car is changed by more than 1°, the detector will be triggered.

### Technical specifications

<b>Power</b>	9 - 16 V (DC)
<b>Power consumption</b>	typ. 1 mA
<b>Operating temperature</b>	-40 °C to +85 °C
<b>Maximum sensitivity (for both axes)</b>	1° (built-in digital filter)
<b>Angle of operation with max. sensitivity preservation</b>	± 45° from reference (horizontal) position
<b>Installation position of the detector</b>	± 15° from horizontal (both axes)
<b>Output</b>	negative pulse with a duration of 0.5 s
<b>Maximal output load</b>	80 mA