



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 \(PDF 313,24 kB\)](#)

Kuvas

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.

Specifications

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

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