


Weather sensor



| Specification | Order No. | Packing unit | PS | EAN |
|---|-----------|--------------|----|---------------|
|  | 8380 00 | 1 | 06 | 4010337124436 |

Features

- The weather sensor is used in combination with the weather control unit (5174 00) and is equipped with the following sensors:
 - Brightness from three directions (at 90° intervals to each other, compass directions: east, south, west)
 - Temperature
 - Wind speed.
 - Precipitation sensor, with integrated heating.
- The weather sensor sends the sensor values to the weather control unit, which evaluates the sensor information and sends it to the KNX bus.
- The weather sensor can communicate with up to 20 weather control units.

Technical data

| | |
|---|--|
| Operating voltage of ext. power supply: | DC 18 – 34 V |
| Internal consumption: | max. 5 W |
| Connection between weather sensor and weather control unit: | 0.6 to 0.8 mm (bus line e.g. J-Y(St)Y 2 x 2 x 0.8) |
| Connection type: | Spring plug-in terminal and connection terminal |
| Mounting type: | Wall or mast mounting (accessories) |
| Protection class: | IP44 |
| Protection class: | III |
| Rated surge voltage: | 0.8 kV |
| Ambient temperature: | -20 °C to +55 °C |
| Wind measuring range: | 2 to 30 m/s |
| Brightness measuring range: | 1 to 100,000 lux |
| Temperature measuring range: | -30 °C to +60 °C |

GIRA Data sheet

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Dimensions in mm: W 121 H 105 D 227

Maximum cable length between weather
sensor and weather control unit: 1000

Number of weather control units that can be
connected to a weather sensor: 20
