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Weather sensor for weather control unit (KNX)

GIRA Data sheet

Specification	Order No.	Packing unit	£/piece without VAT	PS	EAN
	8380 00	1	412.29	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:

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