GIRA Data sheet

Weather sensor for weather control unit (KNX)

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:	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

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