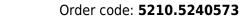


HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3

Company ID: 25 96 39 61, VAT: CZ 25963961 Phone: 495 220 229, 495 220 394

Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz Web: http://www.helago-cz.cz 5240573 - Climate Sensor S





Information about product price on demand

**Parameters** 

Sensors Fyzika

Quantitative unit ks

Sensor allows simultaneous recording of up to 5 climate-related parameters with Sensor-CASSY 2, Mobile CASSY, Pocket-CASSY 2 or the universal physics and biology measuring instruments.

This sensor is only supported by CASSY Lab 2, which is also available as an upgrade (5210.524220UP).

# **Technical Data:**

## • Relative humidity:

Measuring range: 0 ... 100%

Resolution: 0.1%

Accuracy: ±3% (range 20 ... 80%)

## • Air temperature:

Measuring range: -40 ... 85 °C

Resolution: 0.1 °C

Accuracy: ±0.5 °C (range 0 ... 70 °C)

#### • Illuminance:

Measuring range: 200 lx, 2/20/180 klx

Comparison: Full moon-light (0.25 lx), bright sunny day (100 klx)

Resolution: 0.1 lx in the smallest measuring range

Wavelength range:  $400 \dots 700 \text{ nm}$  (adapted to the spectral sensitivity of the eye)

## • Atmospheric pressure:

Measuring range: 500 ... 1100 hPa

Resolution: 0.01 hPa Accuracy: ±2 hPa

### • Height:

Calculated by the barometric formula using the atmospheric pressure

Reference height or zero settable

Resolution: 0.1 m

• **Dimensions:** 70 × 50 × 25 mm

• **Weight:** 50 g