Wired CO2 Sensor with Display

Product ref.: 158330A0

Product features

- Time-controlled regulation of of room temperature in conjunction with Homematic IP Wired underfloor heating actuators
- Measurement of CO_2 concentration (ppm), actual temperature and relative humidity in indoor rooms
- Display of the measured values on a large display with white backlighting
- Reliable power supply and communication via the Homematic IP Wired bus
- Flexible and easy to install into flush-mounted boxes by mounting plate and removable push-in clamp for bus connection
- Easy to integrate into existing switches with 55 mm frames, for example from the following manufacturers: Berker, Busch-Jaeger, GIRA, Merten, JUNG, Kopp and ELSO
  - A Homematic IP Wired access point is required for operation. The wired system can be operated via the free Homematic IP app, the WebUI of the CCU3 (no longer compatible with CCU2) as well as through many partner systems.

Note: Homematic IP radiator thermostats can only be controlled via wireless wall thermostats (such as HmIP-WTH-1).

* Sensor tested over simulated lifetime of >10 years for indoor environment mission profile.

Technical specifications

Supply voltage	24 VDC, +5 % -20 %, SELV
Current consumption	20 mA max.
Installation	only in normal commercial switch boxes (device boxes) in accordance with DIN 49073-1
Cable type and cross section	Rigid cable, 0.12-0.50 mm²
Degree of protection	IP20
Ambient temperature	0 to 50 °C
Dimensions (W x H x D)	
Without frame	55 x 55 x 42 mm
Including frame	86 x 86 x 42 mm
Weight	84 g
Sensor life	>10 years (typ.)*

Logistics data

Product reference	158330A0
EAN code	4047976583300
Short description	HmIPW-SCTHD
Packing unit	60
Packing dimensions	122 x 112 x 73 mm
Weight incl. packaging	210 g

Package contents

Homematic IP Wired CO2 Sensor with display
Clip-on frame and mounting plate
Screws (4x)
Operating manual