SENSOAIR
Air quality sensor for indoor use

Air quality sensor to record the CO₂ and VOC content of the indoor air.

SENSOAIR uses two sensors to measure the carbon dioxide (CO₂) content and VOC (volatile organic compound) content in closed rooms. VOCs are volatile organic compounds in the form of gases, e.g. cigarette smoke, perspiration, kitchen odours, etc.

SENSOAIR smart version:
- Simple operation via smartphone or tablet using the SIEGENIA Comfort app*
- Air quality display
- Switch the LED display on/off
- Connect SIEGENIA smart devices (AEROPAC smart; AEROMAT VT RS smart; AEROMAT VT WRG 1000 smart; AEROMAT VT WRG 1100 smart; DRIVE axxent DK smart)

Unit is to only be used for measurement and control purposes in closed, dry and dust-free rooms.

The predefined threshold values (air quality values ppm) for controlling connected ventilation units and window motors can be changed by adjusting DIP switches.

The measured room air quality is indicated visually by an LED traffic light using the colours green, yellow and red. Simultaneous illumination of two LEDs or the flashing of the red LED indicates the room air concentration in 7 levels (e.g. green + yellow > 600 ppm, red flashing > 2000 ppm).

Independent calibration of the measurement sensors when initially plugged in and during commissioning. Automatic recalibration during operation.

- Measurement range of sensors approx. 350 ppm - 3000 ppm (CO₂ and VOC)
- Supply voltage 230 V AC / 24 V DC (dependent on unit)
- Power consumption: 1.5 W
- Operating range at temperatures from 5 °C to 40 °C.
- Unit control (optional) air quality values can be adjusted with a DIP switch
- Protection class II, insulated, protection classification IP 4X
- Surface-mounted housing, signal white RAL 9003
- Dimensions (W x H x D) 154 mm x 98 mm x 39 mm

Scope of delivery:
SENSOAIR smart:
Table unit design with power cable

SENSOAIR plus, SENSOAIR smart:
Wall-mounted unit version without power cable
and a bag of clamping screws 4 x 30 mm with dowels

Product:
SIEGENIA SENSOAIR plus / SENSOAIR smart

Delivery and full installation.

* The SIEGENIA Comfort app is compatible with iOS 8.0 or newer, iPhone, iPad and iPod touch, as well as with Android 5.0 or newer.