



S+S REGELTECHNIK



RCO2-AS NT
with acoustic signal
and plug-in power supply unit
for direct wall mounting



RCO2-AS NT ST
with acoustic signal,
plug-in power supply unit
and stainless steel stand
as desktop device

- AERASGARD® **RCO2-AS NT**
- AERASGARD® **RCO2-AS NT ST**
- AERASGARD® **RCO2-AS UPNT**

MAINTENANCE-FREE **CO2 SENSOR** DEVICES WITH
POWER SUPPLY UNIT FOR ANTI-INFECTION VENTILATION
IN OFFICES, CONFERENCE ROOMS, HOTELS, ETC.



PRODUCT RANGE 2021

CO2 Traffic Light

SIGNALS THE CURRENT VENTILATION DEMAND AT A GLANCE

For in-wall mounting
by a qualified technician:
RCO2-AS UPNT
with in-wall power supply unit



- LED 1, green:** no action required
- LED 2, green:** prompt airing recommended
- LED 3, yellow:** airing recommended
- LED 4, yellow:** airing required
- LED 5, red:** intensive airing necessary



A lot of breathing occurs where people meet in rooms. Next to the CO₂ concentration in the room air, this also increases the number of aerosols which can carry pathogens, such as the coronavirus. The CO₂ load is therefore considered an indicator for effective anti-infection protection by timely intermittent ventilation. This enables energy efficient on-demand room ventilation, thus reducing operating costs and increasing the well-being of occupants.

To this end we have extended the range of our proven **AERASGARD®** CO₂ room measuring devices with the following versions: **RCO2-AS NT ST** as plug-and-play desktop device with stainless steel stand, **RCO2-AS NT** for direct wall mounting with plug-in power supply unit, and **RCO2-AS UPNT** for installation on flush mounting sockets.

The CO₂ content is measured by means of an optical sensor using non-dispersive infrared technology (NDIR). The result is immediately indicated by five traffic light colour LEDs. In addition, a signal tone sounds when the next warning level is reached (can be deactivated per DIP switch). The devices are maintenance-free and self-calibrating. One sensor for every 30m² of room area is recommended.

| AERASGARD® RCO2-AS xx | | | | | |
|---|-------------------------------------|----------------------------|--|------------------------|-----------------|
| Room CO ₂ sensor with traffic light display and acoustic signal | | | | | |
| Type / WG02 | Measuring ranges CO ₂ | Display CO ₂ | Equipment | Item no. (Baldur 1) | Price |
| RCO2-AS xx | | | | | |
| RCO2-AS | 0...3000ppm | 5 LEDs, signal tone | without power supply unit | 1501-61A0-0686-230 | 187,25 € |
| RCO2-AS NT ST | 0...3000ppm | 5 LEDs, signal tone | Micro-USB power supply unit, stainless steel stand | 1501-61A0-0686-231 | 198,75 € |
| RCO2-AS NT | 0...3000ppm | 5 LEDs, signal tone | Plug-in power supply unit | 1501-61A0-0686-232 | 191,25 € |
| RCO2-AS UPNT | 0...3000ppm | 5 LEDs, signal tone | In-wall power supply unit | 1501-61A0-0686-233 | 279,16 € |

* Installation and connection of the flush-mount power supply unit must be performed by a qualified technician!

You can find technical data and further information in our web shop or catalogue.

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Qualitätsmanagementsystem
ISO 9001

- Kundenorientierung
- Kundenzufriedenheit
- Fortlaufende Verbesserung
- System- bzw. Prozesswirksamkeit

ID 15 100 21333

www.tuev-thueringen.de

Our development and production in Nuremberg, Germany, is certified by the Technical Inspection Authority (TÜV) in Thuringia to DIN EN ISO 9001:2015.



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