



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 DAYCARE FACILITIES, SCHOOLS, AUDITORIUMS,  
EDUCATIONAL INSTITUTIONS, ETC.



PRODUCT RANGE 2022

# CO2 Traffic Light with Acoustic Signal

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 CO<sub>2</sub> concentration in the room air, this also increases the number of aerosols which can carry pathogens, such as the coronavirus. The CO<sub>2</sub> 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®** CO<sub>2</sub> 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 CO<sub>2</sub> 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 30m<sup>2</sup> of room area is recommended.

AERASGARD® RCO2-AS xx					
Room CO <sub>2</sub> sensor with traffic light display and acoustic signal					
Type / WG02	Measuring ranges CO <sub>2</sub>	Display CO <sub>2</sub>	Equipment	Item no. (Balduur 1)	Price net
<b>RCO2-AS xx</b>					
RCO2-AS	0...3000 ppm	5 LEDs, signal tone	without power supply unit	1501-61A0-0686-230	<b>192,12 €</b>
RCO2-AS NT <b>ST</b>	0...3000 ppm	5 LEDs, signal tone	Micro-USB power supply unit, stainless steel stand	1501-61A0-0686-231	<b>193,19 €</b>
RCO2-AS NT	0...3000 ppm	5 LEDs, signal tone	Plug-in power supply unit	1501-61A0-0686-232	<b>196,23 €</b>
RCO2-AS UPNT	0...3000 ppm	5 LEDs, signal tone	In-wall power supply unit	1501-61A0-0686-233	<b>286,42 €</b>

\* 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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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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