

## Description

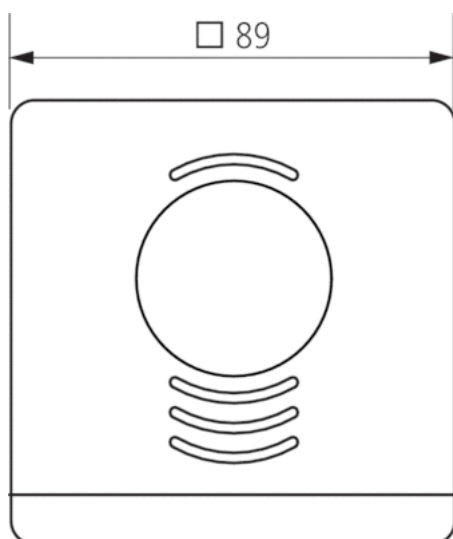


- CO<sub>2</sub> airquality sensor with integrated individual room thermostat
- Measures CO<sub>2</sub> level, relative humidity, temperature and barometric air pressure
- Three independent, configurable thresholds for the CO<sub>2</sub> level and relative humidity
- CO<sub>2</sub> setting range of 300-5000 ppm
- Actions can be carried out if thresholds are exceeded or not reached (send, priority, switching, value)
- For controlling heating actuators or motorised actuators
- Two front panels are included in delivery: a numerical and a relative scale
- Manual override button for presence or operation modes: comfort, stand-by, temperature reduction at night, frost protection
- 4 binary inputs for conventional switches/sensors (switching, dimming, blinds), also for external temperature sensor, window contact or presence signal
- Display of the current operating mode and heating/cooling mode through multi-colored LED

## Technical data

Operating voltage KNX	Bus voltage, ≤15 mA
Measuring range CO <sub>2</sub>	300 – 5000 ppm
Measuring range temperature	-5 °C ... +45 °C
Measuring range humidity	1 – 100 % rH
Measuring range air pressure	30000 – 110000 Pa
Interface extension max.	30 m
Contact voltage	5 V Internal provided
Contact current	0,5 mA
Number of inputs	4
Ambient temperature	+5 °C ... +40 °C
Installation type	Wall installation
Type of protection	IP 20
Protection class	III according to EN 60 730-1

## Scale drawings



## Accessories

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### External temperature sensor 1

- Article number: 9070191  
Details ▶ [www.theben.de](http://www.theben.de)



### Temperature sensor

- Article number: 9070321  
Details ▶ [www.theben.de](http://www.theben.de)



### Temperature sensor RAMSES IP 65

- Article number: 9070459  
Details ▶ [www.theben.de](http://www.theben.de)

