

# CO2RT-R-D TRANSMITTER

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## Description

### Measuring system CO2-sensor

The CO2-concentration is measured by means of infrared light, a technique that measures the absorption in gases. It has a reference measuring system that compensates values in relation to changes in light intensity. The method gives several advantages:

- Very high accuracy
- Exact identification of the detected gas
- Low risk for contamination
- Short response time
- High long term stability
- Long calibration interval (>5 years)

### Display

The display models have an LCD-display showing actual values in an alternated series.

### Applications

Measuring the CO2-level gives a direct indication about the indoor air quality. With this basic information ventilation can be controlled with high precision and air quality improved. At the same time supply air will only be increased when it is necessary thus cutting energy costs.



## Technical parameters

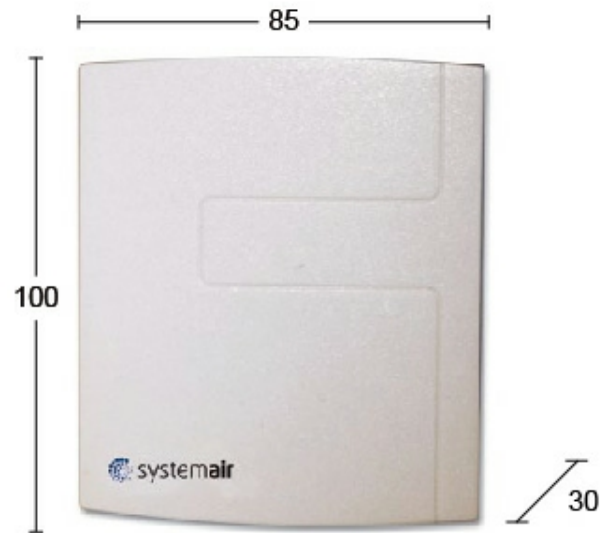
Voltage	24	V
Frequency	50-60	Hz
Working range	0...2000	ppm
Accuracy	<math>\pm (50 \text{ ppm} + 2\% \text{ of measuring value})</math>	
Power consumption	3	W
Circuit-breaking relay	1	A
Switching capacity	50V AC / 60V DC	
Permitted range for ambient temperature	-5-55	°C
Permitted relative humidity, non condensating	0-90	%RH
Enclosure class	30	
Weight	0,11	kg

## Accessories

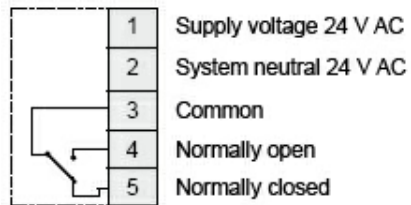
### Electric accessories

[PSS20 Transformer 24V \(202692\)](#)


## Dimensions




## Wiring



## Documentation

 CO2RT-R(-D)\_Inst\_EN\_SV\_FR.pdf (487,30kB)

 CO2RT-R (-D)\_GB.pdf (171,22kB)