



CD-3xx-E00-00

WALL MOUNT - CO₂ + TEMPERATURE + RELATIVE HUMIDITY TRANSMITTER

Johnson Controls offers a Carbon Dioxide (CO₂) and temperature wall mount transmitter for measuring the CO₂ levels, relevant temperature and humidity.

Typical applications are schools, office buildings, hotels, cinemas or similar. This new CO₂ transmitter is easy to install and requires no maintenance or field calibration.

The CD-cxx Series incorporates a single beam dual wavelength NDIR CO₂ sensor, which compensates for ageing effects, is highly accurate. The SCD Transmitter is available with up to 3 0-10 V outputs (CO₂, Temperature and rel. humidity).

FEATURES

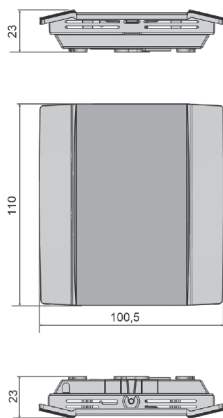
- Power Supply 15..35 V = or 19..29 V ~ SELV
- Model: active, 2x 0..10V, temperature + CO₂ / active, 3x 0..10V, CO₂ + temperature + relative humidity
- Measuring range CO₂: 0..2000 ppm
- Accuracy CO₂: ±(50 ppm +3% of measured value) (typ. @ 21°C, 50% rH)
- Connection electrical: tool-free mountable spring terminal, max. 1,5 mm²
- Calibration: self-calibration, Dual Channel
- Optional with LCD Display



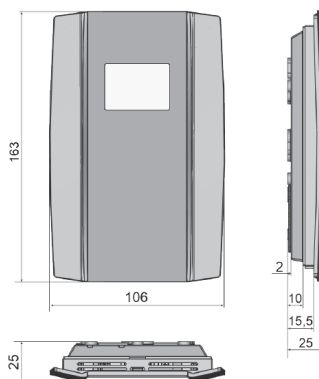
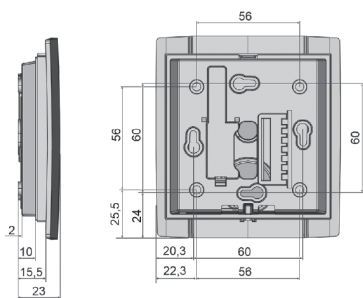
CARBON DIOXIDE

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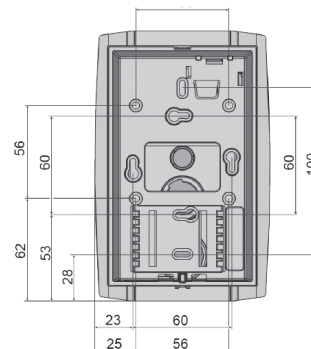
DIMENSIONS (in mm)



SCD-310-E00-00



SCD-311-E00-00



ORDERING INFORMATION

CODES	MEASURING	TYPE	DISPLAY	ACCURACY CO ₂	ACCURACY TEMPERATURE	ACCURACY HUMIDITY	PROTECTION CLASS	POWER SUPPLY	ANALOGUE OUTPUT
SCD-310-E00-00	CO ₂ + temperature + relative humidity	ROOM	--	±(50 ppm +3% of measured value) (typ. @ 21°C, 50% rH)	±0,5K (typ. at 21°C)	±2% between 10..90% rH (typ. at 21°C)	IP20 according to EN 60529	15..35 V = or 19..29 V ~ SELV	3x 0..10 V, min. load 10 kΩ
SCD-311-E00-00			LCD 29x35 mm with RGB backlight						