



# Carbon Monoxide Detector

## E2610-CO



### Features

- Selective, sensitive and stable CO detection
- Compact housing providing optimal airflow
- Visual and acoustic alarms
- Two output relays for alarm / ventilation control

### Specifications

Calibration	Carbon Monoxide
Sensing method	long-life electrochemical cell
Sensor lifetime	> 7 years
Sampling method	diffusion
Detection range	nominal 0...200 ppm vol CO, maximum 0...1000 ppm vol CO
Resolution	1 ppm vol CO
Accuracy	±(3% of range + 5 ppm CO)
Signal update	every 1 second
Response time	~30 seconds
Warm-up time	≤ 1 min
Self-diagnostics	full functionality check at start-up
Maintenance interval	12 months
Power supply	24 V DC/AC or 90...265 VAC
Power consumption	< 2 W
Digital interface	UART
Alarms	blinking LED, buzzer
Output relays	2 relays with switch-over contact, 250 VAC / 30 VDC, 5 A max
Default alarm set-points	I 25 ppm vol (~29 mg/m <sup>3</sup> ) CO II 125 ppm vol (~143 mg/m <sup>3</sup> ) CO
Enclosure	ABS plastic with ventilation slots, protection class IP20
Dimensions	H 85 × W 85 × D 36 mm
Operating environment	residential, business and industrial indoor spaces
Operating conditions	-30...+70 °C, <95 %RH, without condensation

