

Carbon Monoxide Detector

E2610-CO



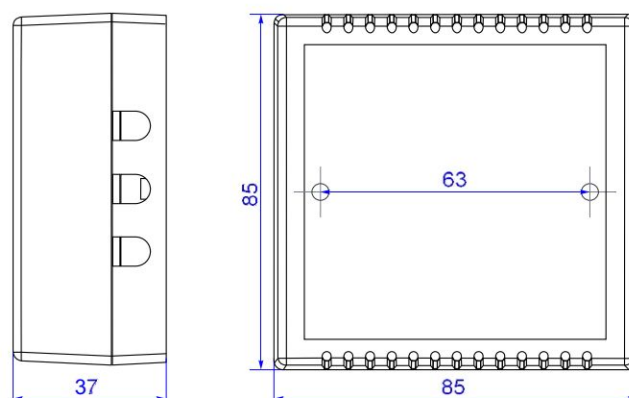
Features

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

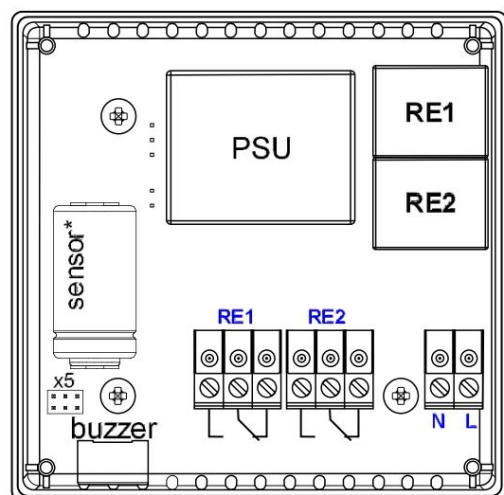
Specifications

Calibration	Carbon monoxide CO
Sensor type	Electrochemical
Sampling method	Diffusion
Typical detection range	Standard 0...200 ppm high 0...1000 ppm CO
Accuracy	± (3% of range + 5 ppm CO)
Response time	ca. 30 s
Signal update	Every 1 second
Sensor lifetime	> 10 years
Maintenance interval	12 months
Self-diagnostics	Full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	24 VDC/AC ±20% (default) or 230 VAC (optional)
Power consumption	< 2 VA
Digital interface	UART
Output relays	2 relays with switch-over contact (SPDT), 250 VAC / 30 VDC, 5 A max
Default alarm set-points for 0...200 ppm range for 0...1000 ppm range	Release - LOW - HIGH 18 - 25 - 125 ppm 88 - 125 - 250 ppm
Alarms	Blinking LED, buzzer 85 dB
Enclosure	ABS plastic with ventilation slots, protection class IP20
Dimensions	H 85 × W 85 × D 37 mm
Operating conditions	-20...+50 °C 15...95% RH non-condensing; 0,9...1,1 atm; Explosion-safe areas Non-aggressive atmosphere

Dimensions



Connection diagram



*Sensors may have different shape and/or size

Terminals

RE1 NO	Relay 1, normally open terminal
RE1 COM	Relay 1, common terminal
RE1 NC	Relay 1, normally closed terminal
RE2 NO	Relay 2, normally open terminal
RE2 COM	Relay 2, common terminal
RE2 NC	Relay 2, normally closed terminal
L	90...265 VAC Phase (optional 24 VAC / VDC)
N	90...265 VAC Neutral (optional 24 VAC / VDC)