



Carbon Monoxide Detector

E2610-CO



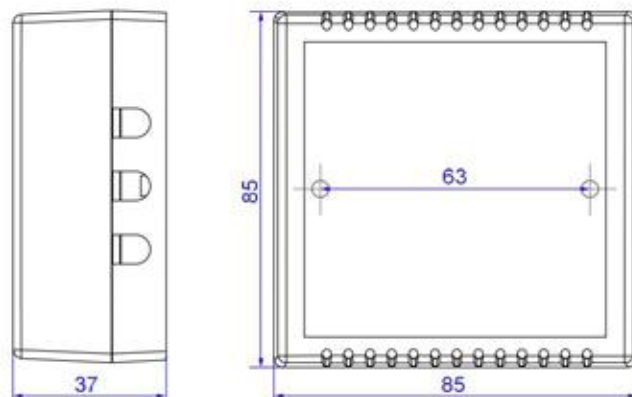
Features

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

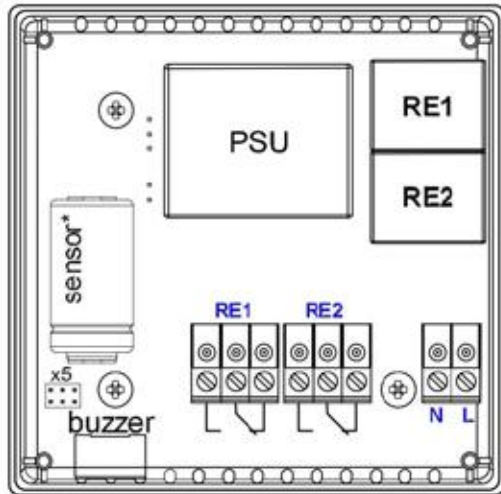
Specifications

| | |
|---|--|
| 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 | Release - LOW - HIGH 18 - 25 - 125 ppm |
| for 0...1000 ppm range | 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



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) |