

Carbon Monoxide Detector

E2630-CO



Features

- Selective, sensitive and stable CO detection
- Long-life electrochemical sensor
- Wall-mount IP65 protected housing
- Visual and acoustic alarms
- Two output relays for alarm / ventilation control

Specifications

Sensor type	electrochemical cell
Sampling method	diffusion
Detection range	standard 0...200 ppm CO high 1000 ppm CO
Resolution	1 ppm CO
Accuracy	± (3% of range + 5 ppm CO)
Signal update	every 1 second
Response time	~30 seconds
Maintenance interval	6 months
Sensor lifetime	> 6 years
Self-diagnostics	full functionality check at start-up, testing by magnetic switch
Warm-up time	≤ 1 min
Power supply	24 V DC/AC or 90...265 VAC
Power consumption	< 2 VA
Digital interface	UART
Alarms	blinking LED, buzzer 85 dB
Output relays	2 relays with switch-over contact, 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
Enclosure	dark grey wall-mount ABS plastic, protection class IP65
Dimensions	H90 × W145 × D55 mm
Output cable	max Ø8 mm
Operating environment	residential, business and industrial indoor spaces
Operating conditions	-20...+50 °C, 15...95 %RH, pressure 0,9...1.1 atm non ATEX rated areas
Avoid strong mechanical shock, vibrations or EMI	
Avoid exposure to corrosive gases	

