

DATASHEET

E2630

Evikon

Distributed by AKRIBIS





Carbon Monoxide Detector E2630-CO



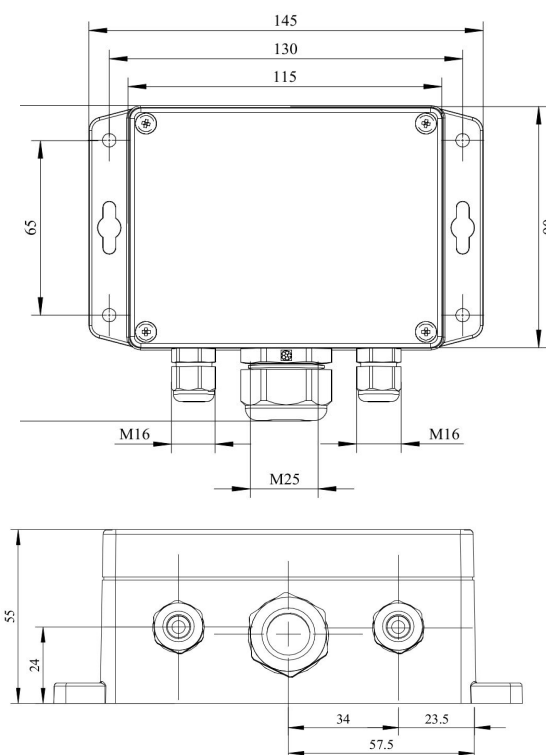
Features

- Accurate and stable measurement
- Wall-mount IP65 protected housing
- Visual and acoustic alarms
- Two output relays for alarm / ventilation control

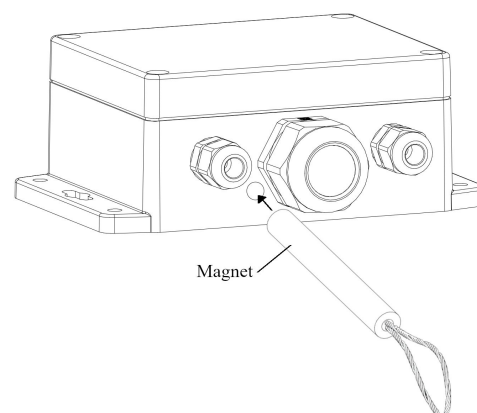
Specifications

Calibration	Carbon monoxide CO
Sensor type	Electrochemical
Sampling method	Diffusion
Typical detection range	Standard 0...200 ppm high 0...1000 ppm CO
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, testing by magnetic switch
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	Grey ABS plastic, wall mount, protection class IP65
Dimensions	H140 × W145 × D55 mm
Operating conditions	-20...+50 °C 0...90% RH non-condensing; 0,9...1,1 atm; Explosion-safe areas Non-aggressive atmosphere

Dimensions



Magnet key



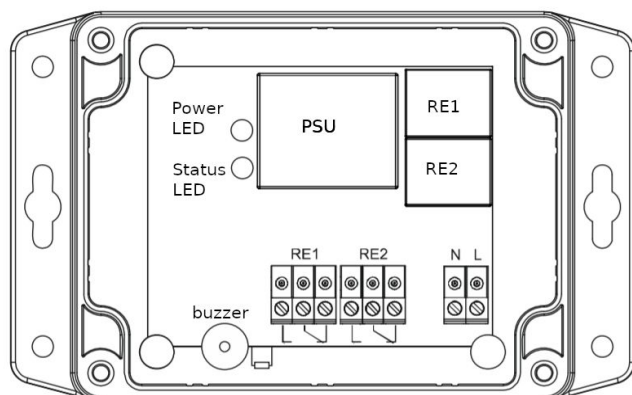
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Connection diagram



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)

