



# Methane Detector-Transmitter E2611-CH4

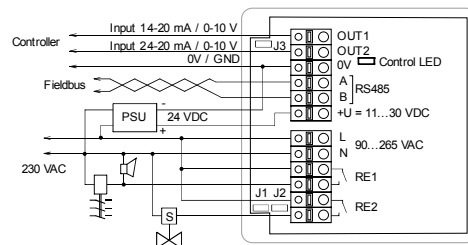
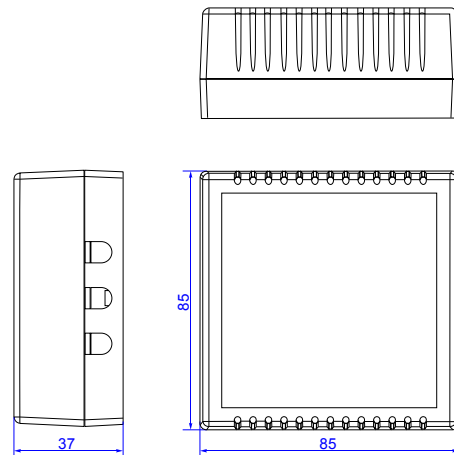


## Features

- Accurate and stable measurement
- Compact housing providing optimal airflow
- Two analog outputs settable to 4-20 mA or 0-10 V
- Two relays for alarm / ventilation control
- Acoustic alarm
- RS485 Modbus RTU digital interface

## Specifications

Calibration	Methane CH <sub>4</sub>
Sensor type	metal-oxide semiconductor option: pellistor (catalytic bead)
Sampling method	diffusions
Detection range	up to 0...100% LEL (0...5 %vol) CH <sub>4</sub>
Resolution	0,1 %LEL (1%LEL for pellistor)
Signal update	every 1 second
Response time	~ 60 seconds (8...10s for pellistor)
Sensor lifetime	> 5 years (up to 3 years for pellistor)
Maintenance interval	12 months (3..6 months for pelistor)
Self-diagnostics	full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	11...30 VDC/VAC or 90...265 VAC
Power consumption	< 2 VA
Digital interface	RS485, Modbus RTU protocol
Alarms	buzzer 85 dB
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Output relays	2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max
Default alarm set-points	LOW set 20, release 16% LEL HIGH set 50, release 48%LEL
Enclosure	ABS plastic with ventilation slots, wall mount, protection class IP20
Dimensions	H85 × W85 × D37 mm
Operating environment	residential, business and industrial indoor spaces
Operating conditions	-40...+70 °C (-20...+60°C for pellistor), <95 %RH, without condensation normal ambient O <sub>2</sub> concentration non-ATEX areas no corrosive gases or silicon containing volatile products in the atmosphere



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