



Combustible Gas Detector

E2630-LEL



Features

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

Specifications

Sensor type	Metal Oxide Semiconductor
Calibration options (target gas)	Methane, Butane, Propane, Acetylene, Hydrogen
Sampling method	Dffusion
Typical detection range	0...100% LEL
Resolution	0,1 %LEL
Response time T90	~60 seconds
Sensor lifetime	> 5 years
Maintenance interval	12 months
Signal update	every 1 second
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, 85 dB buzzer
Output relays	2 relays with switch-over contact, 250 VAC / 30 VDC, 5 A max
Default alarm set-points (release-LOW-HIGH)	7 - 10 - 25% LEL
Enclosure	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	-30...+70 °C <95 %RH, non-condensing pressure 0,9...1,1 atm Non ATEX rated spaces Normal ambient oxygen level
Avoid strong mechanical shock, vibrations or EMI Avoid exposure to corrosive gases or silicone containing products	

