

Combustible Gases Detector-Transmitter E2608-LEL



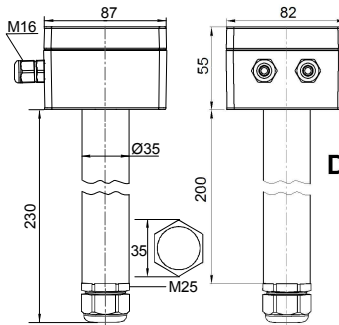
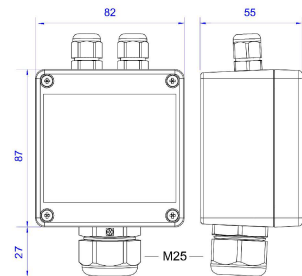
Features

- Wall-mount or duct-mount version
- Industrial IP65 housing
- Two relays for alarm / ventilation control
- Two analog outputs settable to 4-20 mA or 0-10 V
- RS485 Modbus RTU digital interface
- Attached or remote sensor

Specifications

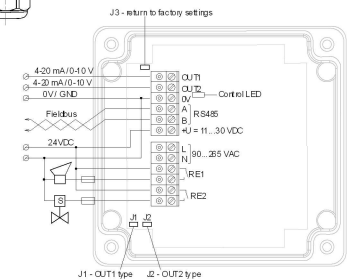
Detected gases	hydrogen, methane, acetylene, propane, butane	
Default calibration	methane CH ₄	
Sensor type	metal-oxide semiconductor (MOS) catalytic (pellistor) on demand* * not suitable for acetylene	
Sampling method	diffusion	
Sensor type	MOS	catalytic
Typical detection range	0...100% LEL	0...100% LEL
Resolution / digital unit	0.1% LEL	1% LEL
Response time T90	ca. 60 s	8 s
Sensor lifetime	> 5 years	> 2 years
Calibration interval	12 months	3...6 months
Operating conditions	-30...+70 °C	
	<95 %RH, pressure 0.9...1,1 atm; non ATEX rated spaces normal ambient oxygen level avoid mechanical shock and EMI; avoid exposure to corrosive gases or silicone containing products	
Signal update	every 1 second	
Self-diagnostics	full functionality check at start-up	
Warm-up time	< 3 minutes, depending on unpowered period and atmosphere	
Power supply	11...30 VDC, 24 VAC or 90...265 VAC	
Power consumption	< 2 VA	
Digital interface	RS485, Modbus RTU protocol	
Analog outputs	2 × 4-20 mA / 0-10 V, user settable	
Output scale width	recommended: 20-100% of the range; > 10 × resolution in any case	
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 40 %LEL	
Enclosure	light grey ABS plastic, wall mount, protection class IP65	
Dimensions	H85 × W82 × D55 mm	
Remote sensor probe	protection IP65, shielded cable default cable length 3.0 m	
Operating environment	industrial indoor and outdoor locations	

Wall mount version

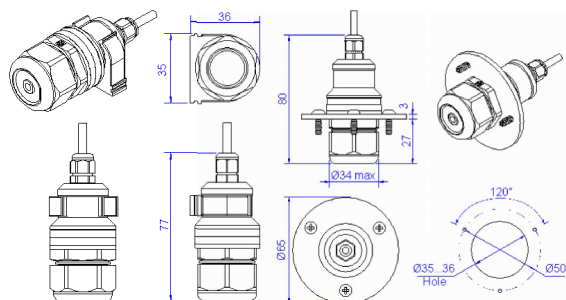


Duct mount version

Connection diagram



Remote probe



Ask for other versions or custom designed products

