


IP65
**4-20mA
0-10V**
**RS485
Modbus**


Methane Detector-Transmitter E2608-CH4



Features

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

Specifications

Calibration	Methane CH ₄
Sensing method	long-life metal-oxide gas sensor
Sampling method	diffusion
Detection range	0...100% LEL (0...5 %vol) CH ₄
Resolution	0,1 %LEL (50 ppm) CH ₄
Accuracy	± 2 %LEL (± 0,1 %vol) CH ₄
Signal update	every 1 second
Response time	~15 seconds
Maintenance interval	12 months
Sensor lifetime	> 10 years
Self-diagnostics	full functionality check at start-up
Warm-up time	< 3 minutes, depending on unpowered period and atmosphere
Power supply	11...30 VDC or 90...265 VAC
Power consumption	< 2 W
Digital interface	RS485, Modbus RTU protocol
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	20 %LEL / 50%LEL
Enclosure	light grey ABS plastic, wall mount, protection class IP65
Dimensions	H85 × W82 × D55 mm
Cable options for remote probe	shielded cable, 3, 10 or 25 m
Operating environment	industrial indoor and outdoor locations
Operating conditions	-40...+85 °C, 0...100 %RH

