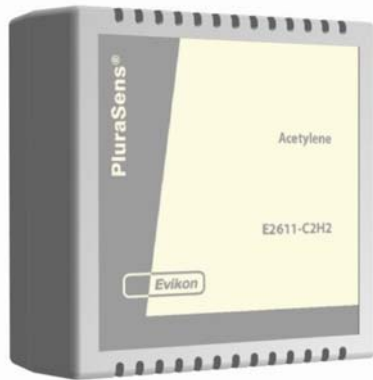



 4-20mA
 0-10V

 RS485
 Modbus


Acetylene Detector-Transmitter

E2611-C2H2



Features

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

Specifications

Calibration	Acetylene C ₂ H ₂
Sensing method	long-life metal-oxide gas sensor
Sampling method	diffusion
Detection range	0...100% LEL (0...2,5 %vol) C ₂ H ₂
Resolution	0,1 %LEL (25 ppm) C ₂ H ₂
Accuracy	± 5 %LEL (± 0,1 %vol) C ₂ H ₂
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	≤ 1 min
Power supply	11...30 VDC or 90...265 VAC
Power consumption	< 2 W
Digital interface	RS485, Modbus RTU protocol
Alarms	blinking LED, buzzer 85 dBi
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	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	-30...+70 °C, <95 %RH, without condensation

