

Solvent Vapor Detector-Transmitter

E2611-VOC



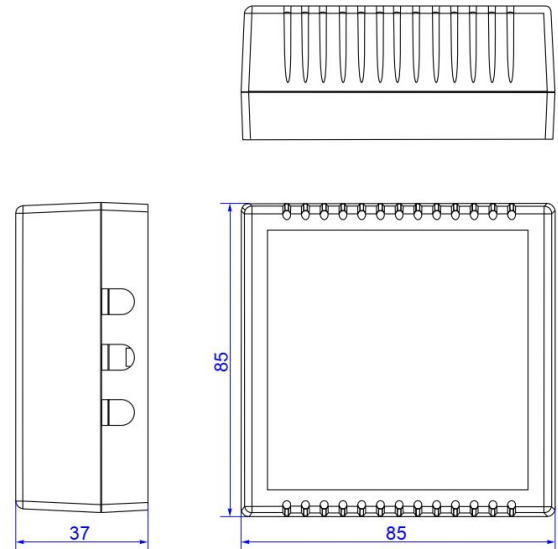
Features

- 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

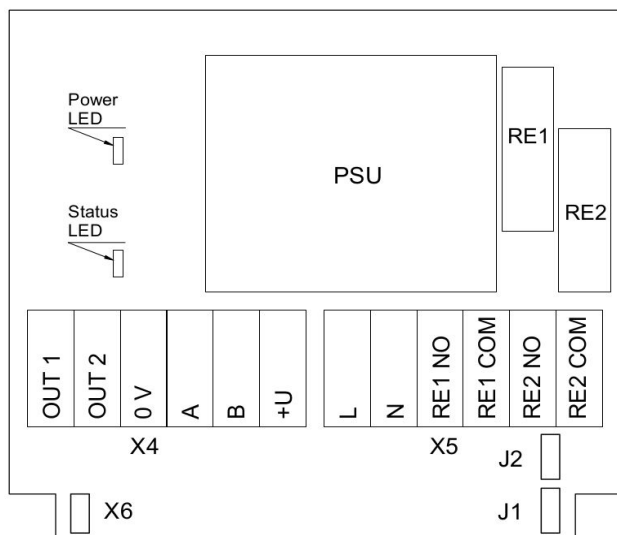
Specifications

Detected gases	Acetone, Benzene, Ethanol, Ethyl Acetate, Toluene, Xylenes, etc
Default calibration	Toluene
Sensor type	Long-life metal-oxide gas sensor
Sampling method	Diffusion
Detection ranges	0...100 to 0...1000 ppm 0...100% LEL
Resolution	3 ppm Toluene
Response time T90	<120 s
Signal update	Every 1 second
Sensor lifetime	> 5 years
Maintenance interval	12 months
Self-diagnostics	Full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	12...36 VDC (default) 24 VAC or 230 VAC as options
Power consumption	< 2 VA
Digital interface	RS485, Modbus RTU protocol
Output relays	2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max
Default alarm setpoints	LOW: set 100 , release 80 ppm HIGH: set 300, release 240 ppm (for the range 0...500 ppm) LOW: set 20 , release 16 %LEL HIGH: set 50, release 40 %LEL
Alarms	Buzzer 85 dB
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Enclosure	ABS plastic with ventilation slots, wall mount, protection class IP20
Dimensions	H85 × W85 × D37 mm
Operating conditions	-30...+70 °C; <95 %RH, non-condensing; 0.9...1,1 atm Explosion-safe areas Normal ambient oxygen level Avoid strong mechanical shock, vibrations or EMI Avoid exposure to corrosive gases or silicone containing products

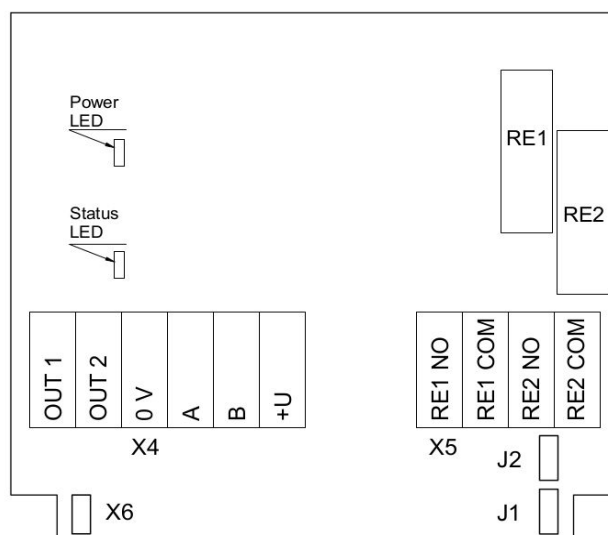
Dimensions



Connection diagrams



Version with PSU



Version without PSU

Jumpers

J1 OUT1 type (open: 4-20 mA; closed 0-10 V)
J2 OUT2 type (open: 4-20 mA; closed 0-10 V)
X6 Reset Modbus network parameters to default

X4 terminals

OUT1 4-20 mA / 0-10 V output
OUT2 4-20 mA / 0-10 V output
0V 0 V / 24 VAC Neutral (optional)
A RS485 A / Data +
B RS485 B / Data -
+U +24 VDC / 24 VAC Phase (optional)

X5 terminals (optional)

L 90...265 VAC Phase
N 90...265 VAC Neutral
RE1 NO Relay 1, normally open terminal
RE1 COM Relay 1, common terminal
RE2 NO Relay 2, normally open terminal
RE2 COM Relay 2, common terminal

