

Solvent Vapor Detector E2630-VOC



Features

- Toluene, Xylene, Ethanol etc
- Accurate and stable measurement
- Wall-mount IP65 protected housing
- Visual and acoustic alarms
- Two output relays for alarm / ventilation control

Specifications

Detected vapors	Acetone, Benzene, Ethanol, Ethyl Acetate, Toluene, Xylenes etc
Default calibration	Toluene
Sensing method	Metal oxide semiconductor
Sampling method	diffusion
Typical detection range	0...100% LEL 0...100 to 1000ppm
Resolution	0,1 %LEL 1 ppm
Accuracy	± 2 % of the range
Signal update	Every 1 second
Response time T90	< 120 seconds
Sensor lifetime	> 5 years
Maintenance interval	12 months
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, buzzer 85 dB
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 or 70 - 100 - 300 ppm
Enclosure	dark grey wall-mount ABS plastic, protection class IP65
Dimensions	H 90 × W 145 × D 55 mm
Output cable	max Ø8 mm
Operating environment	residential, business and industrial indoor spaces
Operating conditions	-30...+70 °C <95 %RH; 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	

