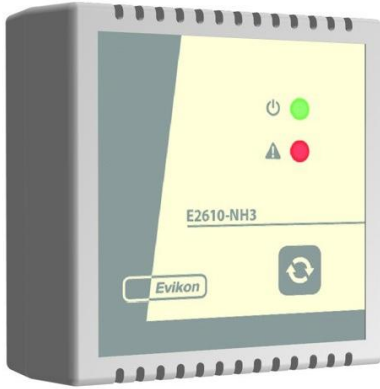




Ammonia Detector

E2610-NH3

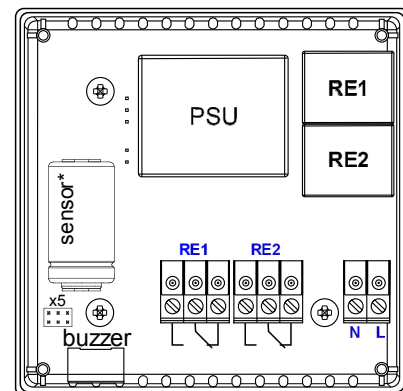
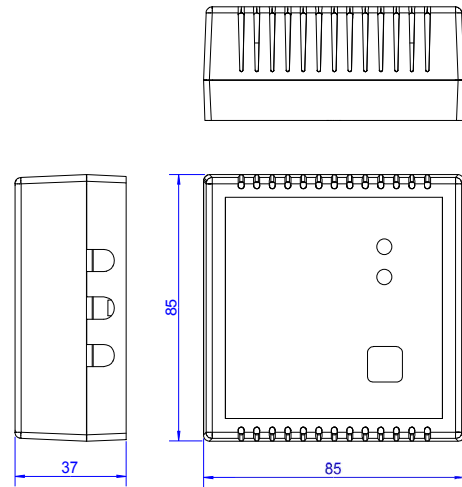


Features

- Low cost ammonia leakages detection
- High selectivity, sensitivity and stability
- Compact housing providing optimal airflow
- Visual and acoustic alarms
- Two output relays for alarm / ventilation control

Specifications

Sensor type	metal oxide semiconductor	electrochemical
Sampling method	diffusion	diffusion
Detection ranges	0...100 ppm 0...300 ppm (up to 1000 ppm)	0...100 ppm 0...500 ppm (up to 1000 ppm)
Alarm setpoints (release-LOW-HIGH)	18 - 25 - 35 ppm 25 - 35 - 150 ppm	18 - 25 - 35 ppm 25 - 35 - 300 ppm
Digital unit	1 ppm	1 ppm
Sensor lifetime	< 5 years	<2 years
Calibration interval	12 months	6 months
Operating conditions	-30...+70 °C; normal ambient O ₂ level	-10...+50 °C
	15...90 %RH without condensation pressure 0,9...1,1 atm explosion-safe (non ATEX -rated) indoor areas	
Signal update	every 1 second	
Warm-up time	≤ 1 min	
Self-diagnostics	full functionality check at start-up	
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	
Enclosure	ABS plastic with ventilation slots, protection class IP20	
Dimensions	H 85 × W 85 × D 36 mm	
Operating environment	residential, business and industrial indoor spaces	



*Sensors may have different shape and/or size

