



Ammonia Detector

E2610-NH3



Features

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

Specifications

Calibration	Ammonia NH ₃
Sensing method	long-life metal-oxide gas sensor
Sensor lifetime	> 5 years
Sampling method	diffusion
Detection range	0...300 ppm vol NH ₃
Resolution	1 ppm vol NH ₃
Accuracy	± 5 ppm vol NH ₃
Signal update	every 1 second
Response time	~30 seconds
Warm-up time	≤ 1 min
Self-diagnostics	full functionality check at start-up
Maintenance interval	12 months
Power supply	24 V DC/AC or 90...265 VAC
Power consumption	< 2 W
Digital interface	UART
Alarms	red blinking LED, buzzer
Output relays	2 relays with switch-over contact, 250 VAC / 30 VDC, 5 A max
Default alarm set-points	I 25 ppm vol NH ₃ II 100 ppm vol NH ₃
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
Operating conditions	-30...+70 °C, <95 %RH, without condensation

