

IP65



Ammonia Detector

E2630-NH3



Features

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

Specifications

Sensing method	long-life metal-oxide gas sensor
Sampling method	diffusion
Detection range	0...300 ppm NH ₃
Resolution	1 ppm NH ₃
Accuracy	± 5 ppm NH ₃
Signal update	every 1 second
Response time	~30 seconds
Maintenance interval	12 months
Sensor lifetime	> 5 years
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 W
Digital interface	UART
Alarms	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	dark grey wall-mount ABS plastic, protection class IP65
Dimensions	H 90 × W 115 × D 55 mm
Output cable	max Ø8 mm
Operating environment	residential, business and industrial indoor spaces
Operating conditions	-40...+70 °C, 15...100 %RH

