

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

Sensor type standard option	metal oxide semiconductor electrochemical
Sampling method	diffusion
Detection ranges	0...100, 0...300, 0...500 ppm NH <sub>3</sub>
Resolution	1 ppm NH <sub>3</sub>
Accuracy	± 5 ppm NH <sub>3</sub>
Signal update	every 1 second
Response time	~30 seconds
Maintenance interval	12 months / 6 months
Sensor lifetime	> 5 years / 2 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 85 dB
Output relays	2 relays with switch-over contact, 250 VAC / 30 VDC, 5 A max
Default alarm set-points for 0...100 ppm range for 0...300 ppm range for 0...500 ppm range	(release-LOW_HIGH) 18 - 25 - 35 ppm NH <sub>3</sub> 25 - 35 - 150 ppm NH <sub>3</sub> 25 - 35 - 300 ppm NH <sub>3</sub>
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	industrial indoor spaces
Operating conditions	-40...+70 °C, 15...100 %RH

