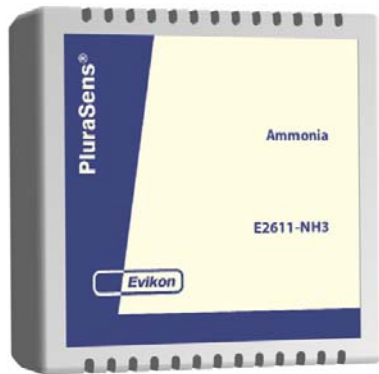



 4-20mA  
 0-10V

 RS485  
 Modbus


# Ammonia Detector-Transmitter

## E2611-NH3



### Features

- Accurate and stable measurement
- Compact housing providing optimal airflow
- Visual and acoustic alarms
- Two relays for alarm / ventilation control
- Two analog outputs settable to 4-20 mA or 0-10 V
- RS485 Modbus RTU digital interface

### Specifications

Calibration	Ammonia NH <sub>3</sub>
Sensing method	long-life metal-oxide gas sensor
Sampling method	diffusion
Detection range	0...1000 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	~2 minutes
Maintenance interval	12 months
Sensor lifetime	> 5 years
Self-diagnostics	full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	11...30 VDC or 90...265 VAC
Power consumption	< 2 W
Digital interface	RS485, Modbus RTU protocol
Alarms	blinking LED, buzzer 85 dBi
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Output relays	2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max
Default alarm set-points	25 ppm / 35 ppm NH <sub>3</sub>
Enclosure	ABS plastic with ventilation slots, wall mount, protection class IP20
Dimensions	H85 × W85 × D37 mm
Operating environment	residential, business and industrial indoor spaces
Operating conditions	-10...+50 °C, <95 %RH, without condensation

