



# Nitrogen Dioxide Detector

## E2630-NO2



### Features

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

### Specifications

Sensor type	electrochemical cell
Sampling method	diffusion
Detection range	0...10 ppm NO <sub>2</sub>
Resolution	0,1 ppm NO <sub>2</sub>
Signal update	every 1 second
Response time	< 1 min
Maintenance interval	6 months
Sensor lifetime	> 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 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
Default alarm set-points (Release - Low - High)	2 - 3 - 6 ppm NO <sub>2</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	-20...+50 °C, 15...95 %RH, pressure 0,9...1.1 atm non ATEX rated areas
Avoid strong mechanical shock, vibrations or EMI	
Avoid exposure to corrosive gases	

