



# Nitrogen Dioxide Detector-Transmitter E2608-NO2



## Features

- Wall-mount or duct-mount version
- Industrial housing, attached or remote sensor
- Two analog outputs settable to 4-20 mA or 0-10 V
- Two relays for alarm / ventilation control
- RS485 Modbus RTU digital interface

## Specifications

Calibration	Nitrogen Dioxide NO <sub>2</sub>
Sensing method	electrochemical sensor
Sampling method	diffusion
Detection ranges, standard high	0...20 ppm (100 ppm peak) NO <sub>2</sub> 0...200 ppm (1000 ppm peak) NO <sub>2</sub>
Resolution	0,02 / 0,1 ppm NO <sub>2</sub>
Accuracy	< 1 ppm NO <sub>2</sub>
Signal update	every 1 second
Response time	< 60 seconds
Maintenance interval	6 months
Sensor sensitivity change	< 2% FSO per month
Sensor lifetime	> 2 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
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	3 ppm / 6 ppm NO <sub>2</sub>
Enclosure	light grey ABS plastic, wall mount, protection class IP65
Dimensions	H85 × W82 × D55 mm
Cable options for remote probe	shielded cable, 2,5 or 5 m
Operating environment	industrial indoor and outdoor locations
Operating conditions	-20...+50 °C, 15...90 %RH

