



# Ozone Detector-Transmitter E2608-O3



## 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

Detected gas	Ozone O <sub>3</sub>
Calibration	Ozone
Sensing method	electrochemical
Sampling method	diffusion
Detection range	0...5 ppm O <sub>3</sub> (peak 50 ppm)
Resolution	0,03 ppm O <sub>3</sub>
Repeatability	< 2 % of signal
Signal update	every 1 second
Response time	<60 seconds
Maintenance interval	6 months
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	low 0,3 ppm O <sub>3</sub> high 1 ppm O <sub>3</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...+45 °C, 15...90 %RH

