



# TECHNICAL DATASHEET

## ONCO-5042 Carbon Monoxide Modbus RTU Sensor

### Introduction

Welcome to ONAS-TECH: Your Gateway to Cutting-Edge Electronics Solutions.



At ONAS-TECH, we are committed to reshaping the electronics industry landscape. With a foundation built on pioneering technological advancements, ONAS-TECH stands as your reliable partner for innovative and energy-efficient electronic solutions. As we embark on a mission to revolutionize the way electronics are perceived and utilized, we invite you to explore our latest product offerings and join us in shaping the future of technology together.

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For Technical support, please contact us: [support@onastech.com](mailto:support@onastech.com)

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## Overview

Modbus RTU Sensor 24V AC /DC

Simple calibration Long life

UL recognized component (TGS-5042)

Residential and commercial CO detectors

Meets UL2034, EN50291, and RoHS requirements Applications

Ventilation control for indoor parking garages

Recreational vehicle CO detectors

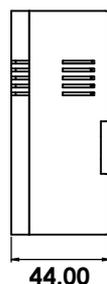
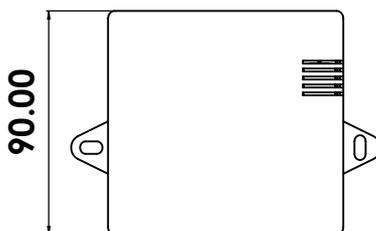
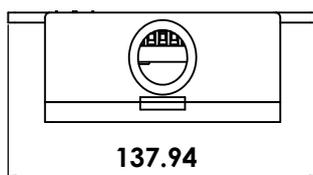
CO monitors for industrial applications

## Technical Specifications

Property	Description
Input Voltage /Power	24V AC $\pm$ 20% or (24~30) VDC / 4VA
Detection range/ Coverage	0 ~ 300 ppm / 700 m <sup>2</sup>
Target gas	Carbon monoxide
Relay Output	1 Relay Output for controlling fan using Set point configuration via Wi-Fi
Terminals	Screw and Screw plugs
Communication Protocol	Modbus RTU
Physical layer	RS-485
Operating Temperature	0 ... 60 °C
Compliance	Approval from the ministry of industry in Egypt. Complied to IEC 63044-5-1 & IEC 63044-5-2 requirements which are equivalent to the following: - UL 916 requirements. - EN 50491-11 requirements.

## Mounting

Wall mounted



## Order Information

Feel free to contact us about your situation to select the best solution for you based on your IO List, ONAS presents

**ONCO-5042**

**Carbon Monoxide Modbus RTU Sensor**

## Contact us

For all inquiries regarding information and technical support, we kindly request that you direct your correspondence to our dedicated team. Our representatives are available to assist you via email at: [support@onastech.com](mailto:support@onastech.com)

Or visit our website [www.onastech.com](http://www.onastech.com)

We look forward to resolving your inquiries promptly and professionally.



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Technical specifications and availability subject to change without notice.