

# Battery Powered CO2 Indicator



The TPCO2-IND/L Battery Powered CO2 Indicator from Titan Products is designed to wirelessly monitor the CO2 levels in a space and show these levels via a traffic light LED indicator.

When CO2 levels are below 800ppm the green LED will flash every 10 seconds. When levels rise above 800ppm the yellow or red LEDs will flash every second dependant on the CO2 levels in the space to draw attention to the occupant that the levels are rising.

The TPCO2-IND/L uses a 3.6V, 2600mAh lithium thionyl chloride battery. This eradicates the need for wiring to the unit making it extremely easy and cost effective to install.

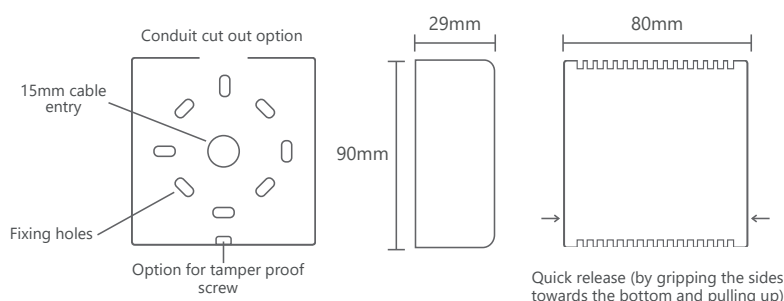
The TPCO2-IND/L is rated at IP20.

The TPCO2-IND/L is designed for indication purposes only.

## Specification

Power Supply:	3.6V, 2600mAh lithium thionyl chloride battery
Sensing Method:	Non-dispersive infra red (NDIR)
Battery Life:	Up to 3 years
Measurement Accuracy:	+/- 50ppm + 2% of reading (CO2)
Operating Range:	0 - 50°C 0 - 2000ppm 0 - 95% non-condensing
LED indication levels:	Green <800ppm Yellow 800 - 1000ppm Red >1000ppm
Material:	IP20 flame retardant polycarbonate
Dimensions:	80mm x 90mm x 29mm
Country of Origin:	UK
Product Codes:	TPCO2-IND/L

## Dimensions



## Features

- Wireless CO2 indication
- LED traffic light display
- Battery powered
- Extremely quick to install
- Designed and manufactured in the UK

## Operation

Automatic calibration requires the background CO2 levels to drop to 400ppm at least once during the first 24 hours of power up and at least once every 7 days thereafter. This will become the base rate the CO2 sensor will calibrate to preventing long term drift.

## Installation and Maintenance

Solvents in the air derived from sources such as paints, cleaning products and adhesives can have a detrimental impact on the sensor cell. All sensors should therefore be installed after the space has been decorated and any flooring fitted. The sensors should also be kept away from adhesives and should the housing require cleaning a dry non-solvent based product must be used. Do not spray any liquid or cleaning products directly onto the ventilated housing. Exposing the sensor to such solvents or moisture will invalidate the product warranty.