PRODUCT DESCRIPTION

The T5000 monitor is designed to monitor of CO_2 concentration inside buildings, such as schools, conference halls, hospitals, cinemas and theaters. The device indicates CO_2 concentration level using three color LEDs.

The CO_2 monitor T5000 is equipped with a maintenance-free and long-term stable dual wavelength NDIR sensor with multiple point adjustment.

TECHNICAL SPECIFICATION

Power:	9 to +30 Vdc, coaxial connector 5x2.1mm, (+) in the middle
Consumption:	0.2 W continuously, 1 W for 50 ms with 15 s period
Measuring interval of CO_2 concentration:	15 s
Indication ranges of LEDs:	green . . . . . 0 to 1000 ppm yellow . . . . . 1001 to 1400 ppm red . . . . . 1401 and more
Accuracy of CO_2 concentration measurement:	± (50 ppm + 3 % of measured value)
Long-term stability:	typ. 20 ppm / year
Calibration interval:	5 years
Temperature operating range:	-30 to +60 °C
Relative humidity operating range:	5 to 95 %RH
Barometric pressure operating range:	850 to 1100 hPa
Storage temperature:	-40 to +60 °C
Storage relative humidity:	5 to 95 %RH (without condensation)
Storage barometric pressure:	700 to 1100 hPa
Protection class:	IP 30
EMC:	EN 61326-1
Weight:	145 g

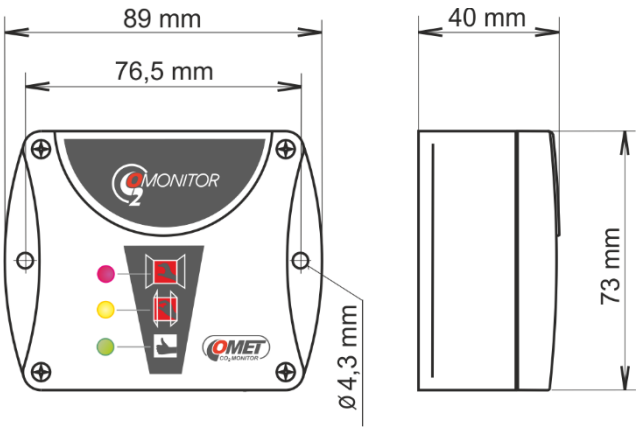
INSTALATION AND OPERATION

The CO_2 monitor T5000 is designed for wall mounting. There are two mounting holes at the sides of the case. The device install in position as shown at picture.

After connecting the power adapter and after the expiration of an internal test (20 sec) is the device fully functional.

The device don´t require any special maintenance. We recommend you periodic calibration for measurement accuracy validation.

DIMENSIONS



TECHNICAL SUPPORT AND SERVICE

Technical support and service is provided by distributor. For contact see warranty certificate.

WARNING

- Installation commissioning and maintenance may only be carried out by personnel with qualification by applicable regulations and standards.
- The probe contains electronic components, it needs to liquidate them according to legal requirements.