

□□: T6541



Web Sensor with built-in CO<sub>2</sub> concentration, relative humidity and temperature sensors.

A multiple point CO<sub>2</sub> and temperature adjustment procedure leads to excellent CO<sub>2</sub> measurement accuracy over the entire temperature working range; this is a must for process control and outdoor applications. The dual wavelength NDIR CO<sub>2</sub> sensing procedure compensates automatically for ageing effects. The CO<sub>2</sub> module is highly resistant to pollution and offers maintenance free operation and outstanding long term stability.

High precision capacitive polymer sensor ensures excellent long term calibration stability and ultimate accuracy. Dual line LCD is an advantage. Measured values are also converted to other humidity interpretation: dew point temperature, absolute humidity, specific humidity, mixing ratio and specific enthalpy.

The CO<sub>2</sub> concentration is shown on the display or signaled by a color LED.

## **Processing and analysis of measured data:**

- online in [COMET Cloud](#)
  - [COMET Database](#) software
  - integration into 3-party systems

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CO <sub>2</sub>	0-10000ppm
CO <sub>2</sub> +H <sub>2</sub> O+O <sub>2</sub>	0-10000ppm
CO <sub>2</sub>	±(100ppm +5%) at 25°C and 1013hPa
CO <sub>2</sub>	0 to 100%
CO <sub>2</sub>	±2.5%RH 5-95% 23°C
CO <sub>2</sub>	0.6°C
CO <sub>2</sub>	0.1°C 0.1%RH 1ppm
CO <sub>2</sub>	2s
CO <sub>2</sub>	15s
CO <sub>2</sub>	0-10000ppm
CO <sub>2</sub>	0-10000ppm

环境温度范围 - 工作温度	$\pm 1.5^{\circ}\text{C}$ 至 $25^{\circ}\text{C}$ ， $30\%$ 湿度 -60 to +80°C
存储温度	-30至+60°C
IP等级	IP30
LAN端口	RJ-45端口，10Base-T至100Base-TX
通信协议	WWW, Modbus TCP, SNMPv1, SOAP, XML
警报通知	Email, SNMP Trap, Syslog
传感器	T-Sensor, WWW
电源	9-30Vdc
尺寸	155x5.5 x 2.1mm
重量	124g
包装尺寸	88.5 x 147.5 x 39.5mm (W x H x D)
重量	160g
包装重量	3kg