T6541 - 远程CO2浓度、温度、湿度变送器，以太网接口

型号: T6541

CO2浓度，温度和相对湿度T系列网络传感器。远程报警。

Web Sensor with built-in CO_2 concentration, relative humidity and temperature sensors.

A multiple point CO_2 and temperature adjustment procedure leads to excellent CO_2 measurement accuracy over the entire temperature working range; this is a must for process control and outdoor applications. The dual wavelength NDIR CO_2 sensing procedure compensates automatically for ageing effects. The CO2 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_2 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

技术参数

输出	以太网
测量参数	CO2+温度+相对湿度
结构类型	环境空气
设计	工业
温度测量范围	
继电器输出	无
两态输入	无
LCD显示屏	有
PoE	无
CO2浓度测量范围	0至10000ppm
CO2浓度测量精度	±(100ppm +5%读数) at 25°C and 1013hPa
相对湿度测量范围	0 to 100%
相对湿度测量精度	±2.5%rH, 5-95%, 23°C
温度输出精度	0.6°C
分辨率	0.1°C, 0.1%RH, 1ppm
温度和湿度测量间隔	2s
CO2测量间隔	15s

计算值	露点，绝对湿度，比湿度，混合比，比焓
温度单位	摄氏度，华氏度
露点温度输出精度和范围- 更多细节情况手册中的图表	±1.5°C，环境温度T<25°C，湿度>30%，范围-60 to +80°C
湿度传感器的温度补偿	所有温度范围
工作温度范围	-30至+60°C
IP防护等级	IP30
LAN连接	RJ-45连接器，10Base-T或者100Base-TX
通信协议	WWW, ModbusTCP, SNMPv1, SOAP, XML
报警协议	Email, SNMP Trap, Syslog
配置	T-Sensor, WWW配置
电源	9-30Vdc，最大功耗1W
电源连接器	同轴，直径5.5 x 2.1mm
探头线缆长度	1米，2米或者4米可选
尺寸	88.5 x 147.5 x 39.5mm (W x H x D)
重量	约为160g
保修	3年