

Sensor web remoto para la medida de concentración de CO₂, interfaz RS485 interface, montaje en conducto

código: T6445



Web sensor T-Line, montaje en conducto y medición de concentración de CO₂

El método de calibración multipunto de sensores de CO₂ conduce a una excelente precisión de las mediciones de CO₂ en la totalidad de la gama de temperaturas de funcionamiento. Con este sensor el dispositivo es capaz de satisfacer los exigentes requisitos para su uso al aire libre.

[Optional CO₂ measuring range extension from the standard 0 to 5,000 ppm up to 0 to 10,000 ppm \(available at extra cost\):](#)

- **Extended measuring range:** 0 to 10 000 ppm
- **Accuracy in extended range:** 100 ppm + 5% of the measured value at 25 °C and 1013 hPa

Datos técnicos

TEMPERATURE SENSOR	.
Measuring range	-30 to +60 °C
Accuracy	±0.4 °C
Resolution	0.1 °C
HUMIDITY SENSOR	.
Measuring range	0 to 100 % RH
Accuracy	± 2,5 % RH
Resolution	0.1% RH
DEW POINT	.
Measuring range	-60 to +80 °C
Accuracy	±1.6°C at ambient temperature T<25°C and RH>30%
Resolution	0.1 °C
CO ₂ SENSOR	.
Measuring range	0 to 5000 ppm
Accuracy	±(50ppm +3% from reading) at 25°C and 1013hPa
Resolution	1 ppm
GENERAL TECHNICAL DATA	.
Operating temperature	-30 to +60 °C
Channels	internal temperature, humidity and CO ₂ sensor
Counted values	dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy
Range of humidity sensor temperature compensation	all temperature range

Output	RS485
Communication protocol	ModBus RTU, ARION, Advantech ADAM
Power	9-30 Vdc
Protection class	IP30 electronics, IP40 sensors
Dimensions	89 x 73 x 240 mm; stem length 130 mm
Weight	approx. 150 g
Warranty	3 years