

T5545 -

Model: T6445



Optional CO₂ sensor

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[Easy wireless communication using Web Sensor and optional Wireless TP-LINK router.](#)



[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

Model

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