



DigiGas CO2 Sensor

The DigiGas CO2 sensor is an SDI-12 sensor for in air carbon dioxide (CO2) measurement. The sensor may be used in greenhouses and cool rooms to monitor CO2 levels.

DigiGas CO2

The DigiGas CO2 sensor uses a photo-acoustic sensor element to detect changes in CO2 concentration. Its price and performance makes it suitable for use in agriculture applications.

To support the CO2 measurement, the sensors also return air temperature and relative humidity values.

Parameter	Specification
Power Supply	9 to 28 V DC Idle Current < 10 uA
CO2	
Measuring Range	0 - 5000 ppm
Accuracy	400 - 1000 ppm +/- 50ppm +/- 2.5% 1001 - 2000 ppm +/- 50ppm +/- 3% 2001 - 5000 ppm +/- 50ppm +/- 5%
Temperature	
Measuring Range	-10 - 60 C
Accuracy	15 - 35 C +/- 0.8 C -10 - 60 C +/- 1.5 C
RH	
Measuring Range	0 - 100%
Accuracy	20 - 65 % +/- 6% 0 - 100 % +/- 9%
Dimensions	111 x 26 x 26 mm Weight 100g



Ordering

DIGIGAS SDI-12 CO2 Sensor

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