

CO² Sensor CO300

Easy to operate and install.



Reliability

The **CO300 Sensor** is a reliable CO² sensor designed to be used in harsh agricultural and industrial environments such as in poultry and snive farms.

The **CO300 Sensor** is compensated for a 0-50°C temperature range covering a 0-5000 PPM CO² range.

The CO² measurement is converted to an analog output from 0-5V relative to 0-5000 PPM CO² range.

Technical specification

Input voltage: 13-24V DC

Output voltage: 0-5V DC

Consumption: 100mA

RH range: 20-95%

Operating temperature: -20° to 55°C

Accuracy: 75 PPM or 10% of reading (whichever is greater)

The CO300 Sensor accuracy: @72°F (22°C) is a ± 2%.

Temperature Dependence: 0.2% FS per C° Stability < 5% of FS or < 10% reading annual

Pressure Dependence: 0.135 per mm Hg

Calibration interval: Not required

Response time: < 2 minutes for 90% step change typical

Warm up time:

- < 2 minutes (operational)
- 10 minutes (maximum accuracy)

Operating conditions:

- 32°F to 122°F (0°C to 50°C)
- 0 to 95% RH, non-condensing

Website



Product



Contact us



Your Vision, Our Mission - Expert Farming Solutions for Big Thinkers

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