

**CO2 sensor 5000 ppm****A4270012****CO2 sensor 5000 ppm, including display****A4270013****Contents**

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**Applications**

The electronic CO2 sensors are used to measure carbon dioxide in fruit storage, mushroom farming and in aggressive environments such as pig and poultry houses for controlled ventilation.

With certain Fancom controllers, such as the FSUP and F38, the CO2 level can be used to influence the minimum ventilation level.

A typical maximum value for the CO2 level in a poultry or pig house is 0.3 volume % or 3000 ppm.

Features

The electronic CO2 sensors are designed to measure carbon dioxide in harsh and humid environments. The housing is dust and waterproof to IP65 standards. The materials have been chosen for good corrosion resistance.

The truly interchangeable transmitter probes facilitate easy field maintenance. The probes can be replaced by newly calibrated probes; this minimizes downtime. The end user can carry out field maintenance without any additional equipment or heavy and expensive calibration gas bottles.

- Protected against dust and spray water
- Choice of several measurement ranges
- Easy installation
- Interchangeable probes – easy maintenance

Technical specifications**Power**

Operating voltage	nominal 24VAC/DC
Analog output signal	4...20 mA and 0...10 V
Power consumption	<4W

Measurement range	0..5000 ppm
Accuracy	20 ppm CO2 at 25°C / +77°F
Operating temperature range	-20°C..+60°C / -4°F..140°F
Storage temperature range	-30°C..+70°C / -22°F..158°F
Operating humidity range	0..100%, non condensing

Housing

Type	ABS, IP65
Weight	0.3 kg