

# Product datasheet

Specifications



## CO2 sensor module for SE8000 Room Controllers

VCM8001V5045

EAN Code: 3606489646226

### Main

Product or component type	Sensor
Type of measurement	CO2
CO2 measurement accuracy	+/- 30 ppm + 3 % of reading
CO2 measurement range	400...10000 ppm
Communication port protocol	Serial link Modbus
Depth	8.2 mm
Height	25.1 mm
Net weight	8 g
Width	71 mm
Mounting support	Surface mount
Relative humidity	0...95 % without condensation
Ambient air temperature for operation	-5...55 °C
Response time	2 min
Ambient air temperature for storage	-40...70 °C
[Us] rated supply voltage	3.4...4.5 V
Product name	SE8000 Series
Range	EcoStruxure Building Expert

### Complementary

Power consumption in VA	0.1...3.6 VA
Function available	With CO2 sensor
Minimum interval duration	2 s
Technology type	Infrared
Pressure dependance	1.6 % change in reading per 1 kPa deviation from 100kPa
Connections - terminals	Pins for printed circuit board
Electromagnetic compatibility	Emission tests class A conforming to EN 55022 Immunity tests-radiated disturbances conforming to EN 55024 Immunity to conducted disturbances conforming to EN 55024 Immunity to electrical transients conforming to EN 55024 Resistance to electrostatic discharge conforming to EN 55024
Range compatibility	EcoStruxure Building Expert SE8000 Series room controller

### Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.000 cm
<b>Package 1 Width</b>	9.000 cm
<b>Package 1 Length</b>	11.500 cm
<b>Package 1 Weight</b>	40.000 g
<b>Unit Type of Package 2</b>	S01
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	15.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	680.000 g
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	384
<b>Package 3 Height</b>	45.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	120.000 cm
<b>Package 3 Weight</b>	33.760 kg

## Logistical informations

<b>Country of origin</b>	SE
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## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Compliant with Exemptions

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

Take-back

No

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins