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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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

Logistical informations

Country of origin	SE

Contractual warranty

Warranty (in months)	18

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 By Exemption**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**

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**