

Product data sheet

Specifications



CO2 sensor module for SE8000 Room Controllers

VCM8001V5045

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

Function available	With CO2 sensor
Power consumption in VA	0.1...3.6 VA
Pressure dependance	1.6 % change in reading per 1 kPa deviation from 100kPa
Technology type	Infrared
Minimum interval duration	2 s
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.0 cm
Package 1 Width	9.0 cm
Package 1 Length	11.5 cm
Package 1 Weight	40.0 g

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)