



Main

Range	EcoStruxure Building Expert
Product name	SE8000 Series
Product or component type	Room sensor
Function available	With CO2 sensor

Complementary

Range compatibility	SE8000 Series room controller
[Us] rated supply voltage	3.4...4.5 V
Power consumption in VA	0.1...3.6 VA
Communication port protocol	Serial link Modbus
Type of measurement	CO2, range: 400...10000 ppm, accuracy: +/- 30 ppm
Technology type	Infrared
Measurement accuracy	+/- 30 ppm + 3 % of reading 400...2000 ppm
Pressure dependance	1.6 % change in reading per 1 kPa deviation from 100kPa
Response time	2 min
Minimum interval duration	2 s
Connections - terminals	Pins for printed circuit board
Device mounting	Surface
Height	25.1 mm
Width	71 mm
Depth	8.2 mm
Product weight	8 g

Environment

Relative humidity	0...95 % without condensation
Ambient air temperature for operation	-5...55 °C
Ambient air temperature for storage	-40...70 °C
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

Directives

2011/65/EU - RoHS directive

Offer Sustainability

EU RoHS Directive

Will be compliant – Date to be confirmed

WEEE

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