Product datasheet

Specifications

Air quality sensor, SpaceLogic Sensors, SCD2 Series, CO2, BACnet, Modbus, humidity, temperature transmitter, VOC

SCD2XP2AVX

EAN Code: 3606485849072

Main

Range of product	SpaceLogic
Product or component type	Air quality sensor
Type of measurement	Humidity Temperature Volatile organic compounds (VOC) CO2
Device application	HVAC Indoor air quality (IAQ)
location	Indoor
Calibration certificate	Humidity: replaceable RH element available in 1% & 2% with NIST
Sensor type	Thin film capacitive, replaceable humidity Solid state volatile organic compounds (VOC) NDIR (non-dispersive infrared) CO2 Solid state temperature Transmitter temperature
CO2 measurement accuracy	+/- 30 ppm + 3 % of reading
CO2 measurement range	0...2000 ppm 0...5000 ppm
CO2 measurement repeatability	+/- 20 ppm +/- 1 % of measured value
Colour	Duct: black and green
Communication port protocol	BACnet MS/TP Modbus RTU
Communication network type	Wired
Connections - terminals	Screwless terminals
Enclosure material	Polycarbonate strong housing
Humidity measurement accuracy	+/- 2 % 0...100 % RH
Relative humidity	0…95 % RH, non-condensing
Standards	EN 61000 EN 61000-6-2 EN 61000-6-3 EN 61326-1 UL 916 FCC part 15 class A REACH ICES-003 RoHS
Storage Relative Humidity	0…95 % RH, non-condensing
[Us] rated supply voltage	20...30 V DC 24 V AC
Temperature measurement accuracy	+/- 0.2 °C

Measurement temperature	0…50 °C
Temperature resolution	0.1 °C
VOC measurement accuracy	+/- 15 %
VOC measurement range	0...100 % AQI
Product name	Plant Room Air Quality Sensor
Product brand	Schneider Electric
Range	SCD2 Series
Targeted region	Middle East and Africa. Europe North America.

Complementary

Market segment	Buildings

Environment

IP degree of protection	IP65

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.684 cm
Package 1 Width	14.605 cm
Package 1 Length	31.75 cm
Package 1 Weight	493 g
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	2 kg

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 >

Environmental footprint

Total lifecycle Carbon footprint	**64**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
SCIP Number	**13db3b86-12c8-4e46-ac4a-00ab4bcc41a5**

Use Again

Repack and remanufacture

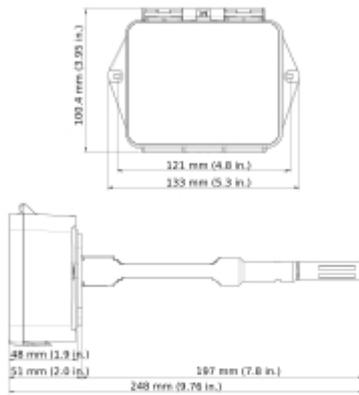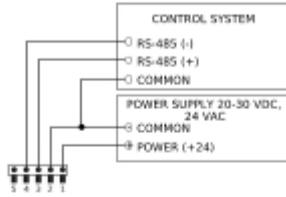|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Technical Illustration

Dimensions

Technical Illustration

Wiring diagram

CONTROL SYSTEM
RS-485 (-)
RS-485 (+)
COMMON
POWER SUPPLY 20-30 VDC, 24 VAC
COMMON
POWER (+24)

Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features