Product datasheet

Specifications

Humidity sensor, SpaceLogic
Sensors, SHO2 Series,
temperature, analog output, 10K T3
thermistor

SHO2XA2H

EAN Code: 3606485849409

Main

Range of product	SpaceLogic
Product or component type	Humidity sensor
Type of measurement	Temperature Humidity
Device application	HVAC
location	Outdoor
Calibration certificate	Humidity: replaceable RH element available in 1% & 2% with NIST
Sensor type	Thin film capacitive, replaceable humidity 10 kOhm T3 thermistor temperature
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
Temperature measurement accuracy	+/- 0.2 °C
Measurement temperature	-40…55 °C
Temperature resolution	0.1 °C
Product name	Plant Room Air Quality Sensor
Product brand	Schneider Electric
Range	SHO2 Series

Complementary

Market segment	Buildings

Environment

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IP degree of protection	IP65

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.636 cm
Package 1 Width	14.732 cm
Package 1 Length	22.352 cm
Package 1 Weight	385.553 g

Contractual warranty

Warranty (in months)	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 ⟩

Environmental footprint

Total lifecycle Carbon footprint	**29**
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	**5386f444-bbfa-4e6f-ab91-3a532e954893**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

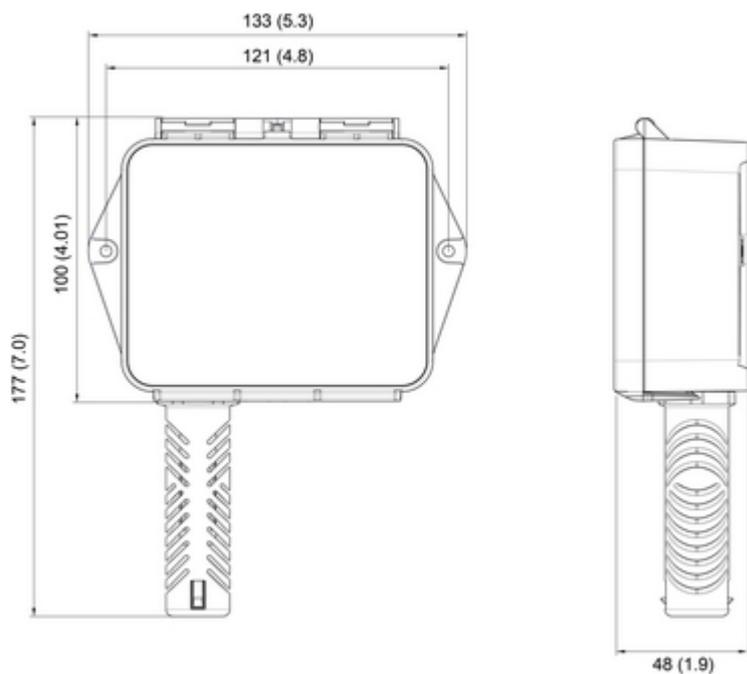|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

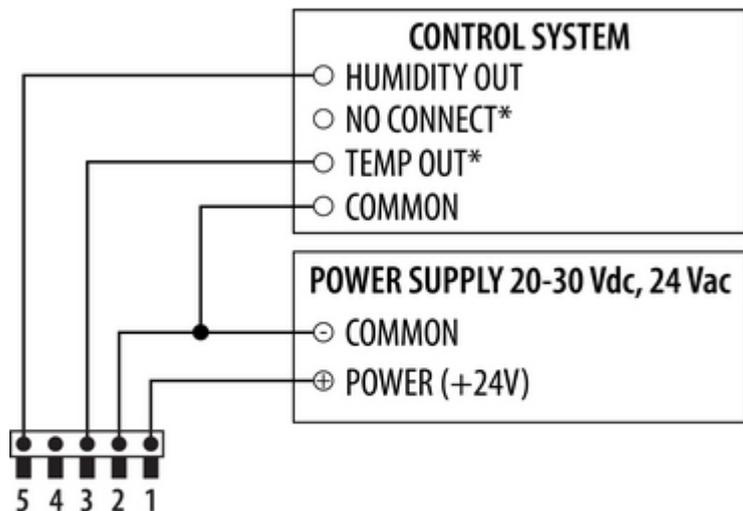# SHO2XA2H

Technical Illustration

Dimensions

Technical Illustration

Wiring diagram

CONTROL SYSTEM
○─ HUMIDITY OUT
○ NO CONNECT*
○─ TEMP OUT*
○─ COMMON

POWER SUPPLY 20-30 Vdc, 24 Vac
⊖─ COMMON
⊕─ POWER (+24V)

5 4 3 2 1

For thermistor or RTD models, pins 3 and 4 are used for thermistor/RTD connection.