Temperature and Humidity Sensor/Logger, wall mount, RS485

SRTH100-2001D-6401
Temperature and Humidity Sensor with Integrated Data Logger

Features

- Simple installation
- Recording function
- RS485/modbus RTU output
- Digital display
- large storage capacity
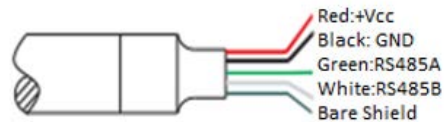- Audible and visual alarm

Applications

- Storage & warehouse facilities
- Greenhouse environments
- Pharmaceutical manufacturing
- Chemical production
- Medical & Biological settings
- Research Environments

Description

The SRTH100-2001D series is a wall-mount, integrated temperature and humidity sensor with integrated data logging capability. With RS485 (modbus protocol) output, this device is well suited for use in building automation and other indoor applications where recording temperature and humidity is desired. The L-com SRTH100-2001D is part of the IoT portfolio of products available from L-com, in-stock and ready to ship. Contact our knowledgeable technical support and sales staff for more information on this, and other IoT products from L-com.

General Specifications

Application:	Temperature and Humidity Data Logging
Mounting:	Wall
Electric Connector:	flying leads
Sensing Element:	On-board chip
Output Signal:	RS485
Cable Length:	1 m
Humidity:	0-100%

Red:+Vcc
Black: GND
Green:RS485A
White:RS485B
Bare Shield

Description	Minimum	Typical	Maximum	Unit
Accuracy (Temperature)		T:±0.2°C H:±2%RH		
Temperature Range	-20		70	deg C

Electrical Specifications

Description	Minimum	Typical	Maximum	Unit
Power Supply Voltage	5	5	5	VDC

Notes: USB export interface

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
Temperature and Humidity Sensor/Logger, wall mount, RS485 SRTH100-2001D-6401

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Material Specifications

Description	Material
Cable Material	PVC

Environmental Specifications

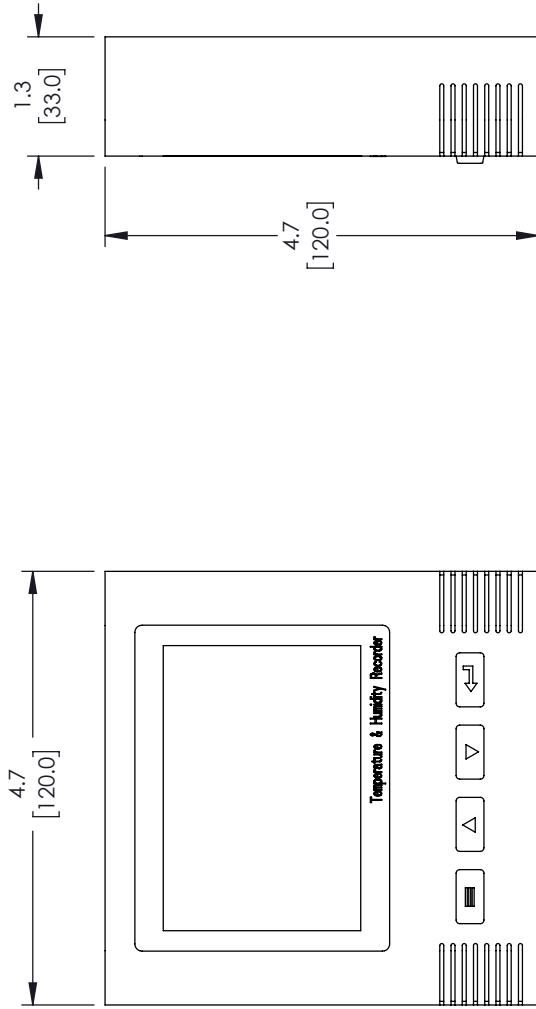Ingress Protection   IP65

Certifications

ROHS Compliant

CE Compliant

The Infinite Electronics portfolio includes coaxial cable assemblies, connectors, adapters and custom products, as well as our wireless product line which includes antennas, RF amplifiers, lightning and surge protectors, and NEMA rated enclosures.

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume any liability arising out of the use of any part or documentation.

SRTH100-2001D-6401 CAD Drawing
Temperature and Humidity Sensor/Logger, wall mount, RS485

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	3/29/22	THOUGHTON

1.3 [33.0]

4.7 [120.0]

4.7 [120.0]

Temperature & Humidity Recorder

THIRD-ANGLE PROJECTION

SHEET 1 OF 1

SCALE N/A

REV A

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an INFINITe brand

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SIZE A	CAGE CODE 43321	DRAWN BY DMAY

ITEM NO.

SRTH100-2001D-6401

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

X = ± .2 [5.08]	FRACTIONS ± 1/32
.XX = ± .02 [.51]	ANGLES ± 1°
.XXX = ± .005 [.13]	

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

NOTES:
1. COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

T-Rev.D

SRTH100-2001D-6401 REV 1