

Digital Temperature Transmitter, 0-100°C, RS485, G1/4



SRTH600-901-2401 Digital Temperature Transmitter

Features

- Simple installation
- RS485 output
- 316L Stainless steel housing
- Fast response
- High accuracy
- Long-term stability

Applications

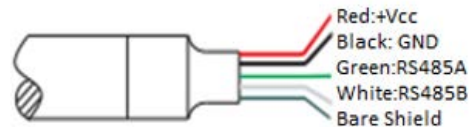
- Pipelines
- Ventilation systems
- Hydraulic and pneumatic systems
- Cooling and heating systems
- Water treatment
- HVAC systems
- Automation systems

Description

The L-com SRTH600-901 series of detail temperature switches feature a RS485 output. A sensitive platinum resistance element, encapsulated in a 316L stainless steel probe, results in a highly corrosion resistant housing compatible with both gas and liquids. These rugged sensors are well suited for use in factory automation, and other conditions where RFI & EMI may be of concern. The output changes linearly with temperature, and is long term stable to just 0.1% of full scale value. The L-com SRTH600-901 series 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:	Digital Temperature Sensor
Mounting:	G1/4 fitting
Electric Connector:	flying leads
Process Connection Gender:	Male
Reverse Polarity Protection:	Yes
Sensing Element:	PT100
Output Signal:	RS485
Cable Length:	1 m



Description	Minimum	Typical	Maximum	Unit
Accuracy (Temperature)		±0.5		%
Long Term Stability		±0.1		% FS/yr
Temperature Range	0		100	deg C
Pressure Resistance		300		bar

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Digital Temperature Transmitter, 0-100°C, RS485, G1/4 SRTH600-901-2401](#)

Digital Temperature Transmitter, 0-100°C, RS485, G1/4



SRTH600-901-2401 Digital Temperature Transmitter

Electrical Specifications

Description	Minimum	Typical	Maximum	Unit
Power Supply Voltage	12	24	30	VDC

Material Specifications

Description	Material
Casing	Stainless Steel 316L
Probe Material	Stainless Steel 316L
Cable Material	PVC

Environmental Specifications

Temperature (Operating)	-40deg C to 85deg C
Temperature (Storage)	-40deg C to 125deg C
Impact	100g, 11ms
Ingress Protection	IP65

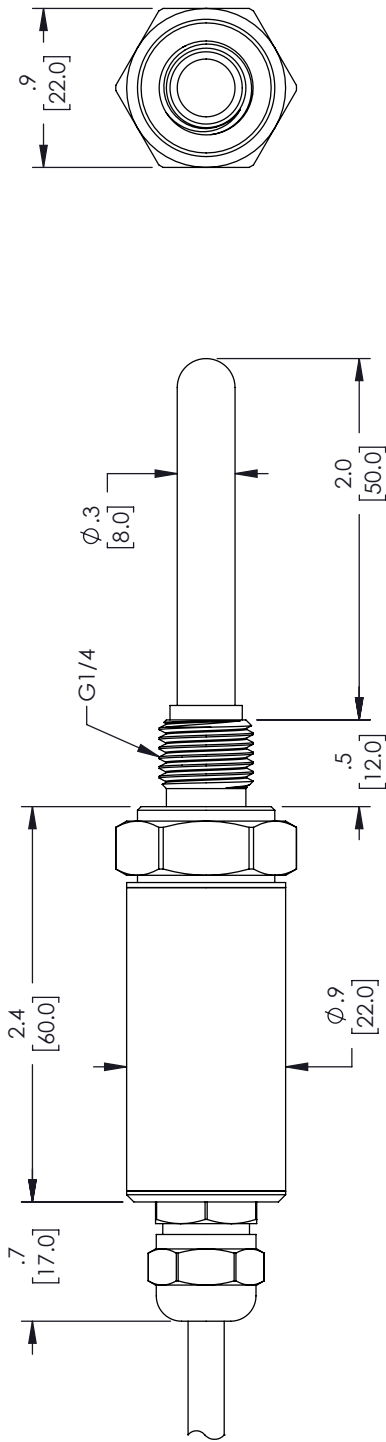
Certifications

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.

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



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

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

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

THIRD-ANGLE PROJECTION		THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF L-COM GLOBAL CONNECTIVITY. ALL RIGHTS RESERVED.		SHEET 1 OF 1 SCALE N/A	
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SIZE A		CAGE CODE 43321	DRAWN BY DMAY	ITEM NO. SRTH600-901-2401	REV A
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: X = ±.2 [5.08] FRACTIONS XX = ±.02 [51] +.102 XXX = ±.006 [.13] ANGLES ±1° 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% / -0 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.					