

JUMBO HUMIDITY & TEMPERATURE INDICATOR

Model : HTI 191J



Introduction

In the world of modern industrial and manufacturing environments, efficiency, productivity and safety are paramount. To achieve optimal performance, Operators and supervisors rely on advanced tools and technologies that provide real-time insights into the status of critical processes parameter to view from a long distance. One such tool is the Jumbo Humidity & Temperature Indicator, This series of big display indicators has a display height of 2",4",8" and 12"sizes, which are visible distance from 50 feet, 100 feet, 200 feet and 400 feet.

These Large size Jumbo Humidity & Temperature Indicator serves as a beacon of information, offering clear and immediate visibility into the ongoing wide range of process parameter applications such as Temperature, Humidity, Pressure, Flow, Level, pH, TDS, Conductivity, Production counting, RPM, Timing, Power, Voltage, Current, Frequency etc.,. these large displays play a pivotal role in keeping operations running smoothly.

We offer customization options to tailor our Big Display Humidity & Temperature Indicator to your specific needs, applications are multiple indicators with different parameters in one panel.

Applications

- ☐ Meteorology lab
- ☐ Pharmaceutical
- ☐ Ventilation air conditioning
- ☐ Food processing industries
- ☐ Testing and calibration lab
- ☐ Research lab etc.,.

Description

Measurement of relevant climatic data is becoming more and more important. This Humidity & Temperature Indicator offer very accurate measurement of Relative Humidity and Temperature by Excellent readability of the very high intensity seven segment LED display.

The Humidity & Temperature Indicator housed with toughest case allow the use in tough industrial environments, Latest technology and well proven sensor guaranteed highest accuracy and long term stable measurement.

Features

- ✓ 4 Digit 2 line 2" / 4" / 8", seven segment LED display
- ✓ Temperature range from 0 - 60°C
- ✓ Humidity range from 0 to 100%RH
- ✓ High Resolution 0.01 or 0.1°C / 0.1%RH
- ✓ High Accuracy $\pm 0.3^{\circ}\text{C}$ / $\pm 1.5\%$ RH
- ✓ Optional 2 relay output with individual H / L set
- ✓ Optional opto isolated Re-transmission output
- ✓ Easy mounting
- ✓ Compact size and rugged
- ✓ Supply 230V AC

Technical Specifications

Model	HTI 191J
Display	4 Digit 2 Line 2" Seven Segment LED Display (Display size depends up on customer requirement)
Range**	0-60°C / 0 - 100%RH (Depends on sensor)
Resolution*	0.1 or 0.01°C / 0.1%RH
Accuracy***	Depends on sensor
Alarm Output (optional)	2 Relay 5A rated with Individual H / L Settings
Mounting	Wall Mountable
Operating Temperature & Humidity	0 - 50°C / 20 to 95 % RH Non Condensing
Power Supply	230VAC/50Hz $\pm 10\%$ (Optional on request 24V DC $\pm 10\%$)
Weight	2.8 kg(Approx.)

Note: Due to continuous product improvements, published specifications may change without notice.

Optional

1. Temperature and Humidity Sensor / Transmitter
2. 2 Relay Output with individual High / Low set point
3. Retransmission 4-20mA
4. Optional probe available for high temperature application range from -40 to 125°C

SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879
(Thermal, Mechanical, Electro-Technical, Dimension Parameters)

1 / 46 , 3rd Main road, Ganga Nagar, MMDA Colony , Maduravoyal , Chennai - 600 095. INDIA

☎ +91 44 2378 3951, 📞 +91 72999 72085 / 86 / 93, 📞 +91 98401 49928 ✉ enquiry@ sanel.net

🌐 www.sanel.net

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