

TEMPERATURE INDICATOR

" Total Solution Under One Roof "
Manufacturing, Servicing & Calibration

TEMPERATURE INDICATOR with Re Transmission Model : TI 141



Introduction

SANSEL offers TI 141 Model TEMPERATURE INDICATORS are extremely versatile Indicators that can be used for a wide variety of applications. These INSTRUMENT offer extreme reliability and low cost for Temperature measurement and logging. TI 141 is a Microprocessor based instrumentation ensures accurate readings for all Temperature Sensors. A number of programmable features including In-line calibration are standard. All the parameters are saved in a non volatile EEPROM memory which doesn't needs any external battery.

This models can offer Programmable Re Transmission output 4 -20mA with Opto Isolation.

Application

Monitoring , Recording in various Applications as follows

- Incubator
- Oven
- Furnace
- Forging
- Refrigeration
- Server Room
- Cold or Hot Storage
- and More....,

Features

- 4 Digit 7 Seg LED Display
- High Accuracy
- Compact Size
- 24 Bit ADC Resolution
- Selectable Inputs RTD - PT 100 , TC - J , K , R , S , T.
- Selectable Resolution
- Zero & Span Calibration
- Easy Field Configurable Front Key Configurations
- No Hardware Selection For the Input Signals
- Opto Isolated 4 - 20 mA Re Transmission Output
- Universal Supply Voltage 90 to 270 AC / DC

Specifications

Model	TI 141
Sensor Inputs	RTD - PT 100 , TC - J , K , R , S , T
Display Range	As per Selected Input
Resolution	0.1 / 1 (Selectable)
Accuracy	± 0.1 % of FS
Re Transmission	Opto Isolated Analog Output 4 - 20 mA DC
Operating Environment	0 - 50°C / 5 to 95 % RH Non Condensing
Power Supply	90 to 270 V AC / DC / 50 / 60 Hz
Over All Dimension	48(H) X 96(W) X 65(D) mm
Cut out Dimension	44(H) X 90(W) mm
Housing	Panel Mountable ABC Plastic
Weight	200 grams (Approx.)

Note: Due to continuous product improvements, Published specifications may change with out notice

SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

NABL Accredited Calibration Lab (Thermal, Mechanical, Electro-Technical Parameters)

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