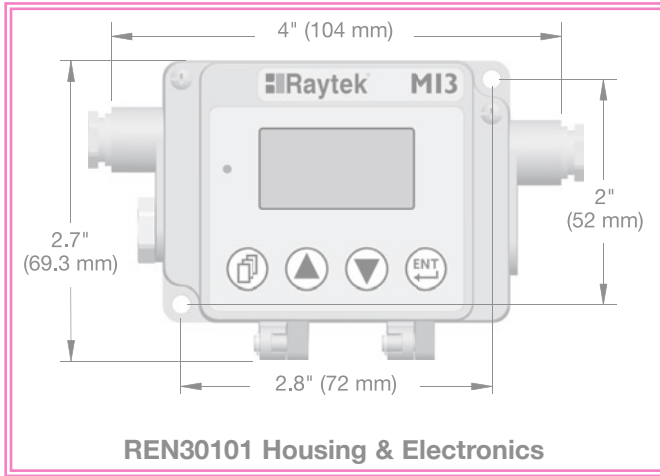


Non-contact Temperature Measurement

Non-contact Infrared Temperature Measurement System — NCIT-LC Advanced



REN30101 NCIT-LC Advanced Electronics and Enclosure Specifications

- Digital Interface:** USB 2.0 (RS485, Modbus® or Profibus® optional)
- Outputs:** Scalable 4-20mA, 0-20mA, 0-10V, 0-5V, J, K, R or S thermocouple
- Inputs:** Digital inputs for emissivity control, ambient background temperature compensation, trigger/hold input
- Alarm Relay:** 48 VAC, 300 mA optically isolated solid state relay
- Output Impedance (TC output):** 20 ohms
- Minimum Load Impedance:** (mV output): 10K ohms
- Maximum Loop Impedance:** (mV output): 500 ohms
- Power Draw:** 4W max
- Power Supply:** 8-32VDC
- Housing Construction:** Zinc, die cast
- Environmental Rating:** NEMA 4 (IP65)
- Electronic Housing Max. Temp.:** 14° to 150°F (-10° to 65°C)
- Storage Temperature:** 14° to 185°F (-20 to 85°C)
- Relative Humidity:** 10% to 95%, non-condensing
- Electronics Weight:** 1.5 oz. (270g)

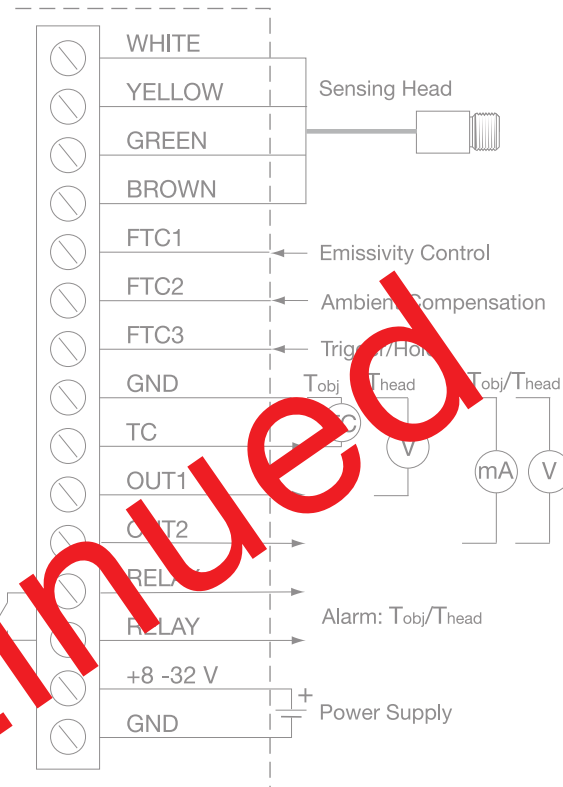
The **REN30101** NCIT-LC Advanced Electronics and Enclosure can also be ordered with the infrared sensor head pre-installed.

Specify which Sensor Head meets your requirements when ordering.

Ordering Information

Select the part numbers of the NCIT-LC Advanced Sensor Head, Electronics/Enclosure and Accessories that meet your requirements.

Standard lead time is stock to 4 weeks.



REN30101 NCIT-LC Advanced Electronics Enclosure Terminal Wiring

Accessories

Part Number	Description
REN00309	Close focus lens accessory. 10 mm focus distance.
REN00209	Power supply: 12 Vdc at 200 mA, 120 Vac input
REN00301	Air cooling and purging system with 2.8 ft./8m of hose Maximum ambient temperature: 392°F/200°C
REN00302	Air purge jacket, no cooling
REN00303	Sensing head, adjustable mounting bracket
REN00305	Sensing head, fixed mounting bracket

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

View Product Inventory @ www.tempco.com