Beam-A-Temp™ Wide Range Mini-Infrared Thermometer

Measures non-contact surface temperature up to 1200°F / 650°C

Design Features

✴ 12:1 distance to target ratio.
✴ Compact thermometer measures temperature from -58 to 1200°F (-50 to 650°C) with 0.1° resolution up to 999.9°.
✴ Adjustable High/Low setpoints with audible alarm alerts user when temperature exceeds the programmed setpoints.
✴ Adjustable emissivity for better accuracy on different surfaces.
✴ Built-in laser pointing identifies target area.
✴ Backlighting illuminates display for taking readings in low light areas.
✴ Data Hold and Min/Max.
✴ Over-range indicator.
✴ Complete with 9V battery and pouch case.

Specifications

Temperature Range: -58 to 1200°F (-50 to 650°C)

Basic Accuracy: ±(1% of reading + 2°F/1°C)

Maximum Resolution: 0.1°F/°C; 1°F/°C

Emissivity: 0.10 to 1.00 adjustable

Repeatability: ±0.5% or ±1.8°F/°C

Field of View: 12:1

Dimensions: 3.2 × 1.6 × 6.3" (82 × 42 × 160 mm)

Weight: 6.4 oz. (180g)

Agency Approval: CE

Applications

✴ Measure the surface temperature of objects difficult to reach or unsafe to touch.
✴ Scan for hot spots on motors, electrical panels, electrical circuits and other equipment.
✴ Used extensively in processes where glass, iron and steel, non-ferrous materials, and minerals must be monitored.

Ordering Information

Part Number REB30012 Wide Range Mini-IR Thermometer
Part Number REB32012 Wide Range Mini-IR Thermometer with NIST Certificate

Standard lead time is stock to 3 weeks.

12:1 distance to target ratio

View Product Inventory @ www.tempco.com

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
**Beam-A-Temp™ Wide Range Infrared Thermometer with Type K input**

Measures both non-contact and contact temperature with type K thermocouple input

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**Design Features**

- Wide temperature range for IR temperature and type K thermocouple instruments.
- Automatic emissivity adjustment (for temperatures 212°F or higher).
- Memory stores up to 20 readings.
- Large LCD display with bright backlight for easy-to-read measurements and programming parameters.
- Laser pointer provides better aim and accuracy.
- Auto-hold activates when the measurement trigger is released.
- Adjustable high/low alarm alerts user visually and audibly when temperature exceeds programmed limits.
- MAX/MIN/AVG/DIF features display highest, lowest, average, and MAX minus MIN values.
- Data Hold, Auto Power Off, and low battery indication.
- Switches built into handle allow for °C/°F display selection, auto power off defeat, and alarm on/off control.
- Complete with 9V battery, type K thermocouple sensor (-4 to 482°F / -20 to 250°C), and carrying case.
- 1-year warranty.

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**Specifications**

- **Display Counts:** 4000 count backlit display
- **Range:**
  - Infrared: -58 to 1472°F (-50 to 800°C)
  - Type K: -58 to 2498°F (-50 to 1370°C)
- **Basic Accuracy:**
  - Infrared: ±2% of reading or ±4°F/2°C
  - Type K: (±1.5% of reading +2°F/1°C)
- **Maximum Resolution:** 0.1°F/°C
- **Emissivity:** Adjustable 0.10 to 1.00
- **Field of View:** 13:1 distance to target ratio
- **Dimensions:** 3.2 × 1.6 × 6.3" (82 × 42 × 160 mm)
- **Weight:** 6.4 oz. (180g)

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**Ordering Information**

- **Part Number REB30020** Wide Range IR Thermometer + Type K
- **Part Number REB32020** Wide Range IR Thermometer with NIST Certificate

**Standard lead time is stock to 3 weeks.**

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(800) 323-6859 • Email: sales@tempco.com
Beam-A-Temp™ High Temperature Infrared Thermometer

Measures surface temperature up to 1400°F/760°C

Design Features

✴ Wide temperature range from -58 to 1400°F (-50 to 760°C).
✴ High 16:1 distance to target ratio measures smaller surface areas at greater distances.
✴ Adjustable emissivity from 0.1 to 1.00 increases measurement accuracy for different surfaces.
✴ Adjustable High/Low setpoints alarm with audible alarm alerts user when temperature exceeds the programmed setpoints.
✴ Data Hold, MAX/MIN/AVG plus differential between MAX – MIN.
✴ Built-in laser identifies target area.
✴ Backlit LCD display.
✴ High resolution of 0.1° up to 199.9°.
✴ Auto power off.
✴ Complete with 9V battery and hard carrying case.
✴ 3-year warranty.

Specifications

Range: ........................................... -58 to 1400°F (-50 to 760°C)
Basic Accuracy: .............................. ±2% of reading or 4°F/2°C <932°F (500°C); ±(2.5% of reading +5°) >932°F (500°C)
Maximum Resolution: ................... 0.1°F/°C
Emissivity: ................................. 0.1 to 1.00 Adjustable
Field of View (Distance to Target): . 16:1
Dimensions: ............................ 3.9 × 2.2 × 9” (100 × 56 × 230 mm)
Weight: ....................................... 10.2 oz. (290g)

Agency Approval:

Applications

✴ Measure the surface temperature of objects difficult to reach or unsafe to touch.
✴ Scan for hot spots on motors, electrical panels, electrical circuits and other equipment.
✴ Used extensively in processes where glass, iron and steel, non-ferrous materials, and minerals must be monitored.

Ordering Information

Part Number REB30030 High Temperature IR Thermometer
Part Number REB32030 High Temperature IR Thermometer with NIST Certificate

Standard lead time is stock to 3 weeks.

View Product Inventory @ www.tempco.com

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
**Beam-A-Temp™ Portable Infrared Thermometer**

**Measures up to 1832°F/1000°C with 50:1 distance to target ratio**

**Temperature range from -58 to 1832°F (-50 to 1000°C)!**

### Design Features

- Built-in laser identifies target area.
- High and low alarms.
- Adjustable emissivity increases measurement accuracy for different surfaces.
- Adjustable High/Low setpoints alarm with audible alarm alerts user when temperature exceeds the programmed setpoints.
- MAX/MIN/Avg plus differential between MAX – MIN.
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels.
- High resolution of 0.1° up to 199.9°.
- Automatic Data Hold when trigger released.
- Auto power off.
- Wide temperature range from -58 to 1832°F (-50 to 1000°C).
- High 50:1 distance to target ratio measures smaller surface areas at greater distances.
- Complete with 9V battery and carrying case.
- 3-year warranty.

### Specifications

**Range:** -58 to 1832°F (-50 to 1000°C)

**Basic Accuracy:** ±2% of reading or ±4°F/2°C

**Maximum Resolution:** 0.1°F/°C

**Emissivity:** Adjustable

**Field of View (Distance to Target):** 50:1

**Dimensions:** 3.9 × 2.2 × 9" (100 × 56 × 230 mm)

**Weight:** 10.2 oz. (290g)

**Agency Approval:** CE

### Ordering Information

Part Number **REB30040** Portable IR Thermometer

Part Number **REB32040** Portable IR Thermometer with NIST Certificate

*Standard lead time is stock to 3 weeks.*

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**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)
The NCIT-LC Advanced is a powerful two-piece infrared temperature measurement system with miniature sensing head and separate communications electronics. The sensor is small enough to be installed just about anywhere, yet it outperforms much larger systems.

Available in a rugged cast metal electronics enclosure, the LC-Advanced offers a host of advanced signal processing features you won't normally find in sensors costing much more.

Designed for an endless range of applications, the LC-Advanced features a variety of sighting head options. Low temperature sensors with a measurement range of -40°F to 1802°F (-40°C to 1000°C), fast response (<20 mSec) sensors, and 5 μm spectral response sensors, provide an impressive array of solutions for your process needs.

The rugged stainless steel sensing head ensures reliable long term performance in the harshest industrial environments. Although the LC-Advanced sensor is small in size, it has all the performance you need with 1% accuracy, and a choice of high resolution optics up to 22:1.

Standard features include adjustable Emissivity, Peak Hold, Valley Hold, and Averaging functions. All sensor parameters are easily adjustable on the built-in interface keypad, or remotely with the Windows® 7 compatible DataTemp software via the built-in USB interface.

Advanced features further extend the power of the LC-Advanced and include user configurable alarm output, digital "recipe" table inputs that can be easily interfaced to an external control system, an external reset input for signal processing, and external inputs for analog emissivity adjustment or reflected energy compensation.

Optional RS485, Modbus® or Profibus® network interfaces simplify integration with a factory or machine control system.

The NCIT-LC Advanced – a new level of innovation and performance in non-contact temperature measurement!
**Sensor Head Specifications**

Environmental Rating: NEMA 4 (IP65)

Head Ambient Temperature Range: 14° to 248°F (-10° to 120°C)

With air cooling up to 392°F (200°C)

Cable Length: 3.3 ft (1m) standard, optional: 9.9 ft (3m), 26 ft (8m), 50 ft. (15m)

Storage Temperature: -4° to 185°F (20° to 85°C)

Relative Humidity: 10 to 90%, non-condensing

Construction: Stainless Steel

Weight with 1 m cable: 1.75 oz. (50g)

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**Available Sensor Heads**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Optics</th>
<th>Sensing Temperature Range</th>
<th>Response Time</th>
<th>Maximum Ambient Temperature</th>
<th>Type</th>
<th>Cable Length</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>REN30001</td>
<td>2:1</td>
<td>-40° to 1112°F (-40° to 600°C)</td>
<td>130ms</td>
<td>248°F/120°C</td>
<td>LTS</td>
<td>3.3 ft./1m</td>
<td>General Purpose</td>
</tr>
<tr>
<td>REN30002</td>
<td>10:1</td>
<td>-40° to 1112°F (-40° to 600°C)</td>
<td>130ms</td>
<td>248°F/120°C</td>
<td>LTS</td>
<td>3.3 ft./1m</td>
<td>General Purpose</td>
</tr>
<tr>
<td>REN30003</td>
<td>22:1</td>
<td>32° to 1832°F (0° to 1000°C)</td>
<td>130ms</td>
<td>248°F/120°C</td>
<td>LTS</td>
<td>3.3 ft./1m</td>
<td>General Purpose</td>
</tr>
<tr>
<td>REN30004</td>
<td>10:1</td>
<td>32° to 1832°F (0° to 1000°C)</td>
<td>20ms</td>
<td>248°F/120°C</td>
<td>LTF</td>
<td>3.3 ft./1m</td>
<td>Fast Response</td>
</tr>
<tr>
<td>REN30005</td>
<td>10:1</td>
<td>482° to 3002°F (250° to 1650°C)</td>
<td>130ms</td>
<td>248°F/120°C</td>
<td>G5</td>
<td>3.3 ft./1m</td>
<td>5μm sensing for glass applications</td>
</tr>
</tbody>
</table>

The NCIT-LC Advanced Infrared sensor heads can be supplied with the following optional cable lengths:

- 10 ft. / 3m cable
- 26 ft. / 8m cable
- 49 ft. / 15m cable
- 98 ft. / 30m cable

Calibration Certificate with NIST/DKD traceability can be provided. Specify when ordering.
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)
Electronics Housing, Max. Temp.: 14°F to 150°F (-10°C to 65°C)
Storage Temperature: -4°F to 185°F (-20 to 85°C)
Relative Humidity: 10 to 95%, non-condensing
Electronics Weight: 9.5 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.

Accessories

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REN00090</td>
<td>Close focus lens accessory. 10 mm focus distance.</td>
</tr>
<tr>
<td>REN00209</td>
<td>Power supply: 12 Vdc at 200 mA, 120 Vac input</td>
</tr>
<tr>
<td>REN00301</td>
<td>Air cooling and purging system with 2.8 ft./.8m of hose</td>
</tr>
<tr>
<td>REN00302</td>
<td>Maximum ambient temperature: 392°F/200°C</td>
</tr>
<tr>
<td>REN00303</td>
<td>Sensing head, adjustable mounting bracket</td>
</tr>
<tr>
<td>REN00305</td>
<td>Sensing head, fixed mounting bracket</td>
</tr>
</tbody>
</table>

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.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.
Non-contact Temperature Measurement

The NCIT - LLC model provides the advantages of infrared temperature measurement in a compact, low cost, integrated sensor. Designed for easy integration with a standard 4-wire system, the CI sensor can easily replace traditional contact probes with a type J or K thermocouple output, or with a 0-5 volt dc output if your application is susceptible to noise or requires a longer cable run.

**Design Features**
- Type J or K thermocouple, or 0-5 VDC output
- Two models cover temperature ranges from 32° to 932°F (0° to 932°F)
- NEMA 4 (IP 65) stainless steel housing
- 4:1 optics at 90% energy
- 350 ms response time to 90% energy
- Powered by 12-24 VDC at 20 mA
- Accessories for cooling and air purging

**Measurement Specifications**

### Overall Temperature Range: 32° to 662°F (0° to 350°C)
- **Accuracy:**
  - 32° - 240°F (0° - 115°C): ±6°F (±3°C)
  - 241° - 440°F (116° - 225°C): ±5%
  - 441° - 662°F (116° - 225°C): ±5%

### Overall Temperature Range: 86° to 932°F (30° to 500°C)
- **Accuracy:**
  - 86° - 211°F (30° - 99°C): ±10°F (±6°C)
  - 212° - 932°F (100° - 500°C): ±2% or ±6°F (3°C)

**Spectral Response:** 7 to 18 microns

**Repeatability:** 1% of reading or ±2°F (1°C)

**Temperature Resolution:** <1°F (0.5°C)

**Response Time (95%):** 350 ms

**Emissivity:** Fixed at 0.95

**Electrical Specifications**

- **Outputs:** Select Type J or K thermocouple or 10 mV / °C
- **Output Impedance:** 50 ohms
- **Min. Load Impedance:** 50K ohms
- **Power Supply:** 12 - 24 Vdc @ 20 mA
- **Standard Cable Length:** 3.2 ft. (1 m)

**Sensor Specifications**

- **Environmental Rating:** NEMA 4 (IP65)
- **Ambient Temperature Range:**
  - 32° to 160°F (0 to 70°C) with air cooling
  - 32° to 200°F (0 to 90°C) with water cooling
  - 32° to 500°F (0 to 260°C)
- **Thread:** 3/4-16 UNF, optional 18M x 1 metric thread
- **Storage Temperature:** -22° to 185°F (-30 to 85°C)
- **Relative Humidity:** 10 to 90%, non-condensing
- **Weight:** 4.5 oz. (130g)

**Ordering Information**

Create an ordering code by filling in the boxes per your requirements and a part number will be assigned. Standard lead time is stock to 4 weeks.

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

(800) 323-6859 • Email: sales@tempco.com
**Non-contact Temperature Measurement for Industrial Processes**

The NCIT Plus Series is a versatile, two-piece temperature monitoring system that combines a compact, value-priced monitor with an infrared sensing head. The heart of the system is the 1/8 DIN NCIT Plus Monitor which provides advanced infrared processing capabilities including peak and valley hold, averaging, and user-adjustable offset.

Advances in optical and electronic design, originally developed for high-end infrared systems, have been adapted to this low-cost line without compromise in performance when compared to infrared sensors that cost twice as much just a few years ago.

The NCIT Plus models can’t scratch, tear, smear or contaminate because they don’t make contact with your product. They are easier and safer to install and maintain because they can be positioned away from hot and hazardous processes and moving products.

They remain accurate over a longer period of time because they’re not subjected to the abuse that a contact device receives. And they deliver much faster response time than contact thermocouples, while rivaling their accuracy and repeatability.

In the long run, non-contact temperature measurement can help you improve quality, speed production, and save money.

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**Design Features**

- 0° to 1000°F (-18 to 538°C)
- Compact 1/8 DIN digital monitor with large 4-digit display
- User-defined thermocouple or 4-20 mA output
- Universal 110-220 VAC power input
- Adjustable emissivity at ambient parameters
- Adjustable dual setpoints and deadband alarm outputs
- Choice of sensing head to match application
- Standard and close focus optics available
- Accessories for cooling and air purging
- Field interchangeable sensing heads

**Common Industrial Applications**

- Plastics
- Paper & Pulp Converting
- Chemicals
- Food Processing
- Pharmaceutical
- Electronics
- Construction
- Industrial Maintenance

**1/8 DIN NCIT Plus Monitor**

Along with its large 4-digit LED display, the monitor provides a user-defined 4-20mA or thermocouple output. Two adjustable setpoints/deadbands control 5V alarm outputs or optional 3A mechanical relays. The NCIT Plus Monitor accepts universal 110-220 Vac power input and provides a 24 Vdc / 50 mA excitation voltage for loop power to external sensors. All monitor functions are configured via the front panel, including °C/°F switching.

The NCIT Plus Monitor provides adjustable emissivity and ambient compensation when used with the NCIT Plus Standard infrared sensing heads.

**Standard Sensing Heads**

These high performance, 8-14 micron sensors combine current loop driven signals with high resolution optics.

The NCIT Plus Standard w/Laser sensing head comes equipped with laser sighting for alignment in hard to reach locations, or to small or distant targets. The 50:1 distance to spot (D:S) ratio provides the capability of measuring a spot size of 1.2" at a distance of 5 ft.

The NCIT Plus Standard sensing head’s D:S ratio of 35:1 allows a spot size of 1.7" at a distance of 5 ft.

**Proven Technology**

Non-contact infrared temperature sensors have proven advantageous and reliable in many industries for over 25 years. Tempco brings this technology to you at a price competitive with thermocouples.
Non-contact Infrared Temperature Measurement System — NCIT Plus Series

Measurement Specifications

- **Temperature Range** (All Sensor Heads): 0 to 1000°F (-18 to 538°C)
- **Spectral Response**: Standard & Laser: 8 to 14 μm
- **Optical Resolution**: Laser: 50:1, close focus 45:1
  - Standard: 35:1, close focus 30:1
- **System Accuracy**: ±1% or ±2°F (±1°C), whichever is greater
- **System Repeatability**: ±0.5% or ±2°F (±1°C), whichever is greater
- **Response Time** — (95% of final reading): Standard & Laser: 500 ms
- **Emissivity**: Digitally adjustable, 0.1 to 1.09 by increments of 0.01 steps
- **Signal Processing**: Peak and valley hold (up to 998 sec, 999 = infinite hold with external reset), Variable averaging filter (up to 60 sec), T-ambient: fixed background ambient temperature compensation

Electrical Specifications

- **Power Supply**: 110 /220 VAC, ±20%, 50-60 Hz
- **Inputs**: User configurable inputs for Laser or Standard sensing heads, any 5-0 Vdc or 4-20 mA sensor, or thermocouple (J, K, E, N, R, S, T)
  - External reset input to reset peak/valley hold
- **Outputs-Signal**: 4-digit, LED display, °F/°C selectable.
  - User configurable 4-20 mA current or thermocouple output (J, K, E, N, R, S, T)
- **Alarm Output**: Two adjustable setpoints with deadbands controlling +5 Vdc alarm outputs or optional 3A mechanical relays
- **DC Supply Output**: 24 Vdc / 50 mA excitation voltage for powering external sensors

Sensor Specifications

- **Environmental Rating**: Monitor Front Panel: NEMA 12 (IP54)
  - Laser/Standard Head: NEMA 12 (IP65)
- **Ambient Temperature**: Monitor
  - Laser/Standard Head
  - With water cooling
  - With air cooling
  - Relative Humidity: 10 to 95%, non-condensing
- **Monitor Dimensions**: 1/8 DIN, 96 × 48 × 120 mm
  - 1.9" × 3.78" × 4.75"
- **Cutout Dimensions**: 1.75" × 3.63" (92 × 44 mm)
- **Weight**: Monitor: 320g (0.7 lb.)

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Distance to Spot Ratio — Standard

Distance to Spot Ratio — Laser

Distance to Spot Ratio — Standard Close Focus

Distance to Spot Ratio — Laser Close Focus
Instrumentation

Non-contact Temperature Measurement

Infrared Temperature Measurement — NCIT Plus Series

NCIT Plus Monitor

REN01001 1/8 DIN Panel Meter 110/220VAC
   w/ 5 Vdc alarm outputs
REN01003 1/8 DIN Panel Meter 110/220VAC
   with optional 3A relays for alarm outputs
REN01002 Light duty aluminum mounting bracket to allow
   for sub-panel mounting

NCIT Plus Standard Sensing Heads
   (includes mounting bracket and nut)
REN01101 Standard focus infrared sensing head, 35:1 optics
REN01102 Standard – close focus infrared sensing head,
   30:1 optics
REN01120 NIST/DKD calibration certificate (also for
   water cooled) Must be ordered with unit.

With Water Cooled Housing and Lens Air Purge Collar

REN01110 Standard focus infrared sensing head
REN01111 Standard – close focus infrared sensing head

NCIT Plus Standard with Laser Sight Sensing Heads
   (includes an adjustable mounting bracket and nut,
   13 ft. (4m) cable for between the sensor and the
   laser switch box, and 26 ft. (8m) cable to connect
   the laser switch box to the NCIT Plus Monitor)
REN01103 Standard focus infrared sensing head, 50:1 optics
REN01104 Standard – close focus infrared sensing head,
   45:1 optics
REN01121 NIST/DKD calibration certificate (also for
   water cooled) Must be ordered with unit.

With Water Cooled Housing and Lens Air Purge Collar

REN01112 Standard focus infrared sensing head
REN01113 Standard – close focus infrared sensing head

Air/Water Cooled Sensing Head

The Air/Water-Cooled Housing option allows the
laser or standard sensor to be used in ambient
      temperatures up to 250°F (121°C) with air cool-
      ing, or 350°F (177°C) with water cooling. It is
      supplied with two 1/8” NPT brass fittings.

Air flow at 77°F (25°C) should be 3 to 5 cfm (1.4
to 2.4 liters/sec) with a pressure drop across the
housing of 2 to 5 PSIG (0.14 to 0.35 kg/cm²).
Water flow should be approximately 0.5 gallons
(2 liters) per minute; water temperature should
be 50 to 80°F (10 to 27°C) for efficient cooling.
All units ordered with the Air/Water-Cooled
Housing include the Air Purge Collar to avoid
condensation and lens damage.

Note: The laser-equipped standard
sensing head is 125 mm (4.92”) long.
The laser shuts off automatically at
120°F (50°C).

Standard / Laser Sensing Heads

All Standard sensors are supplied with a fixed bracket and a mounting nut. Alternatively, the sensor may be mounted through a hole, on a customer-supplied bracket, with the pipe adapter, or with other accessories. Avoid installing the sensor cable in noisy electrical environments. In this environment, it is recommended to install the cable in conduit. A conduit adapter accessory is available for this purpose.

Note: The laser-equipped standard
sensing head is 125 mm (4.92”) long.

View Product Inventory @ www.tempco.com
Pipe Adapter:
The Pipe Adapter is used to connect the Standard or Laser Head to a 1.5 inch NPT pipe thread.

Conduit Adapter:
The Pipe Adapter is used to connect the Standard or Laser Head to a 1/2-inch NPT conduit fitting.

Lens Air Purge Collar:
The Air Purge Collar accessory is used to keep dust, moisture, airborne particles and vapors away from the lens. It may be installed before or after the bracket. Air flow should be a maximum of 1-3 cfm (0.5-1.5 liters/sec). Clean or “instrument” air is recommended to avoid contaminants from settling on the lens.

NCIT Plus Standard Sensing Head Cables

- **5 conductor cables for connecting the standard sensing head to the panel meter.**
- **REN01201** 13 ft. (4m) – Regular temperature
- **REN01202** 13 ft. (4m) – High temperature for Air/Water cooled Sensing Head
- **REN01203** 26 ft. (8m) – Regular temperature
- **REN01204** 26 ft. (8m) – High temperature for Air/Water cooled Sensing Head

Additional Accessories

- **REN00208** Fixed mounting bracket for the regular sensing head
- **REN00213** Adjustable mounting bracket for the regular sensing head
- **REN00207** Mounting nut

*Used in conjunction with the Standard or Laser Sensing Head.*

Ordering Information

Choose the NCIT Plus, accessories, and/or options desired, and order by the associated part number.

*Standard lead time is stock to 3 weeks.*

⚠️ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Contact Information:**
- **Phone:** (800) 323-6859
- **Email:** sales@tempco.com