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.*

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**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° to 150°F (-10° to 65°C)
- **Storage Temperature:** -4° to 185°F (-20 to 85°C)
- **Relative Humidity:** 10 to 95%, non-condensing
- **Electronics Weight:** 9.5 oz. (270g)

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**Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REN00309</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>

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

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

**View Product Inventory @ www.tempco.com**