The Series LCI308 and LCI408 panel meter indicators offer flexibility and value in a standard 1/8 DIN package. This family of indicators offers input availability for virtually all types of process measurement.

The LCI308 offers a 4 3/4 digit display scalable to ±32,000 counts. This flexible indicator is available for Process Inputs (0 to 10VDC, 4 to 20 mA, etc. and potentiometer inputs). The LCI408 has a universal input that accepts the Process, Temperature, and Load Cell inputs of the LCI308, plus a Potentiometer input. The full 5-digit display can be scaled between ±99999 counts. The dual display allows simultaneous display of the measured value plus other values such as peak or valley.

Options include relay and transistor set point outputs, BCD Parallel output, RS-232/RS-485 computer communications, and 4 to 20 mA analog retransmission.

### Input Types
- Type J Thermocouple
- Type K Thermocouple
- Type T Thermocouple
- Type R Thermocouple
- Type S Thermocouple
- Type E Thermocouple
- 100 Ohm Plt. 0.00385 DIN RTD
- 100 Ohm Plt. 0.00392 NIST RTD
- Process (Includes excitation power supply)

### Input Ranges

<table>
<thead>
<tr>
<th>Input Type</th>
<th>Range °F</th>
<th>Range °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type J Thermocouple</td>
<td>-58.0 to +1472.0</td>
<td>-50.0 to +800.0</td>
</tr>
<tr>
<td>Type K Thermocouple</td>
<td>-58.0 to +2282.0</td>
<td>-50.0 to +1250.0</td>
</tr>
<tr>
<td>Type T Thermocouple</td>
<td>-328.0 to +752.0</td>
<td>-200.0 to +400.0</td>
</tr>
<tr>
<td>Type R Thermocouple</td>
<td>+32.0 to +3182.0</td>
<td>0.0 to 1750.0</td>
</tr>
<tr>
<td>Type S Thermocouple</td>
<td>-58.0 to +3182.0</td>
<td>-50.0 to +1750.0</td>
</tr>
<tr>
<td>Type E Thermocouple</td>
<td>-58.0 to +1832.0</td>
<td>-50 to +1000.0</td>
</tr>
<tr>
<td>100 Ohm Plt. 0.00385 DIN RTD</td>
<td>-328 to 1472</td>
<td>-200.0 to +800.0</td>
</tr>
<tr>
<td>100 Ohm Plt. 0.00392 NIST RTD</td>
<td>-328 to 1607</td>
<td>-200 to +875</td>
</tr>
</tbody>
</table>

### Specifications

- **Inputs:** Process, temperature (T/C & RTD), frequency/counter, load cell (dependent on model number).
- **Input Impedance:**
  - Process: Voltage, 1 MΩ; current, 12.1Ω;
  - Load cell: 100 MΩ for 300 mV, 1 MW for 30 mV.
- **Display:** 5 digit, 7 segment, 14 mm red with a fixed decimal point. 14 LEDs (programming & control).
- **Accuracy:** ±0.1% of reading (+2 count). Thermocouples: ±0.4% of reading for types J, K, T, & E; ±0.05% of reading for types R & S. RTD: ±0.2% of reading.
- **Power Requirements:** 115/230 VAC 50/60 Hz ±10%.
- **Power Consumption:** 3 W max.
- **Weight:** 8 oz (250 g).
- **Front Panel Rating:** NEMA 4X (IP66).
- **Agency Approvals:** CE.

### Part Numbers

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCI308-00</td>
<td>1/8 DIN Indicator, ±10 VDC, ±20 mA, Potentiometer</td>
</tr>
<tr>
<td>LCI408-00</td>
<td>1/8 DIN Indicator, Universal Input</td>
</tr>
</tbody>
</table>

Consult Factory for add-in option cards.

### ACCESSORIES

- LCIA-01, Dual Relay Card. Two SPDT relays, 8A @ 240 VAC
- LCIA-02, Quad Relay Card. Four SPST relays, 0.2A @ 240 VAC
- LCIA-03, Quad Transistor Output Card. Four NPN optically coupled transistors, 50 mA @ 50 VDC max.
- LCIA-04, Quad Transistor Output Card. Four PNP optically coupled transistors, 50 mA @ 50 VDC max.
- LCIA-05, Analog Retransmission, 4 to 20 mA, 0 to 10 VDC, selectable.
- LCIA-07, BCD Output Card.
- LCIA-08, RS-232 Serial Communication (Modbus® Protocol)
- LCIA-09, RS-485 Serial Communication (Modbus® Protocol)
- MN-1, Mini-Node™ USB/RS-485 converter

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