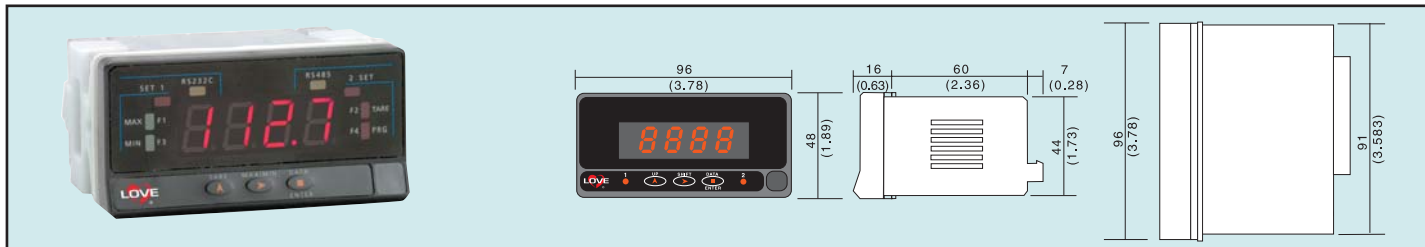




Series LCI208

# 4 Digit Panel Meter Indicator

## High Accuracy, Peak and Valley Display, Tare Feature



The LCI208 Series 4 digit panel meter indicators offer flexibility, and value in a low cost, compact 1/8 DIN package. This family of indicators offers input availability for virtually all types of process measurement.

Inputs are available for Process (0 to 10V, 4 to 20 mA), Electrical Variables) AC Volts, AC Amps, DC Volts, DC Amps), Temperature (RTD & Thermocouple), Load Cell (strain gauge), Time, and Frequency. The process load cell, and frequency inputs have appropriate transducer excitation power supplies. Peak and Valley indication and a Tare function are standard. Options include set point outputs (2 SPDT 8A mechanical relays), RS-232/RS-485 computer communications, and 4 to 20 mA analog retransmission.

### SPECIFICATIONS

**Inputs:** Process, Temperature (T/C & RTD), Electrical variables, Frequency, Counter, Load Cell (Dependent on Model Number).

**Input Impedance:**

Process: Voltage, 1 M $\Omega$ ; Current, 12.1 $\Omega$ .

Electrical Variables: Voltage, 3 M $\Omega$  for 600 V, 300 k $\Omega$  for 200 V, 30 k $\Omega$  for 20 V; Current, 0.012  $\Omega$  for 5A, 0.06 $\Omega$  for 1A.

**Power Rating:** 120/240 VAC, 50/60 Hz  $\pm$ 10%.

**Power Consumption:** 3W max.

**Accuracy:**  $\pm$ 0.1% of reading (except temperature);  $\pm$ 0.4% of reading for thermocouple;  $\pm$ 0.1% of reading for RTDs.

**Display:** 4 Red, 14 mm digits, programmable decimal point, 4 LEDs for control and 4 for output status.

**Ambient Operating Temperature:** 14 to 140°F (-10 to 60°C) / <95% @ 40°C (104°F) non-condensing.

**Storage Temperature:** -13 to 185°F (-25 to 85°C).

**Front Panel Rating:** IP65 (Type 4X).

**Agency Approvals:** CE.

**LCI208 -**  **0** — **Power Supply**  
120/240 VAC, 50-60 Hz.

**Output A**  
0 = Process  
1 = Temperature (Thermocouple J,K,T, RTD)  
2 = Electrical Variables (VAC, VDC, AAC, ADC)  
3 = Frequency

4 = Counter  
5 = Load

**Series LCI208** .....

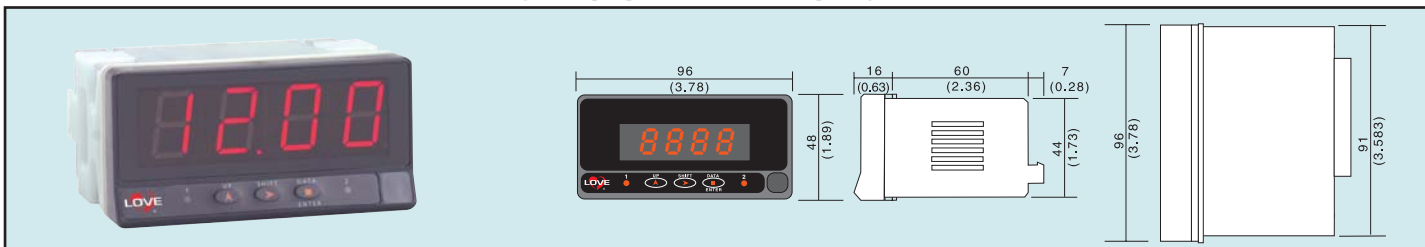
Temperature



Series LCI108 & LCI108J

# 4 Digit Panel Meter Indicator

## 3-1/2 Digit Display, Self-Tune/Fuzzy Logic



The LCI108 & LCI108J Series 3-1/2 digit panel meter indicators offer flexibility, and value in a low cost, compact 1/8 DIN package. This family of indicators offers input availability for virtually all types of process measurement. The LCI108 & LCI108J are identical except for the size of the display. The LCI108 has a 0.56 inch (14mm) high display. The LCI108J (jumbo) has a 0.80 inch (20mm) display for viewing from longer distances. Inputs are available for Process (0 to 10V, 4 to 20 mA), AC Volts, AC Amps, DC Volts, DC Amps, Temperature (RTD), Temperature (Thermocouple), and Frequency. The process and frequency inputs have appropriate transducer excitation power supplies, giving you everything you need in a compact package.

### SPECIFICATIONS

**Inputs:** Process, Thermocouple, RTD, VAC, VDC, A AC, A DC, Frequency.

**Input Impedance:**

Process: Voltage, 1 M $\Omega$ ; Current, 12.1 $\Omega$ .

AC & DC Current: 0.012 $\Omega$  for 5 A, 0.06 $\Omega$  for 1 A.

AC & DC Voltage: 3 M $\Omega$  for 600 V, 300 k $\Omega$  for 200 V, 30 k $\Omega$  for 20 V.

**Power Rating:** 120/240 VAC, 50/60 Hz  $\pm$ 10%.

**Power Consumption:** 3 W max.

**Accuracy:**  $\pm$ 0.1% of reading (except T/C & RTD);  $\pm$ 0.4% of reading for T/C;  $\pm$ 0.1% for RTD.

**Display:** 4 digit, 14 mm Red for LCI108; 4 digit, 20 mm Red for LCI108J; Programmable decimal point with 2 LEDs for output status indication on all units.

**Ambient Operating Temperature:** 14 to 140°F (-10 to 60°C) / <95% @ 104°F (40°C) non-condensing.

**Storage Temperature:** -13 to 185°F (-25 to 85°C).

**Front Panel Rating:** IP65 (Type 4X).

**Agency Approvals:** CE.

**LCI108 -**  **0** — **Power Supply**  
**LCI108J -**  **0** — 120/240 VAC, 50-60 Hz.

**Output A**  
0 = Process  
1 = Thermocouple J,K,T  
2 = RTD  
3 = Volts AC

4 = Volts DC  
5 = Amps AC  
6 = Amps DC  
7 = Frequency

**Series LCI108** .....

**Series LCI108J** .....