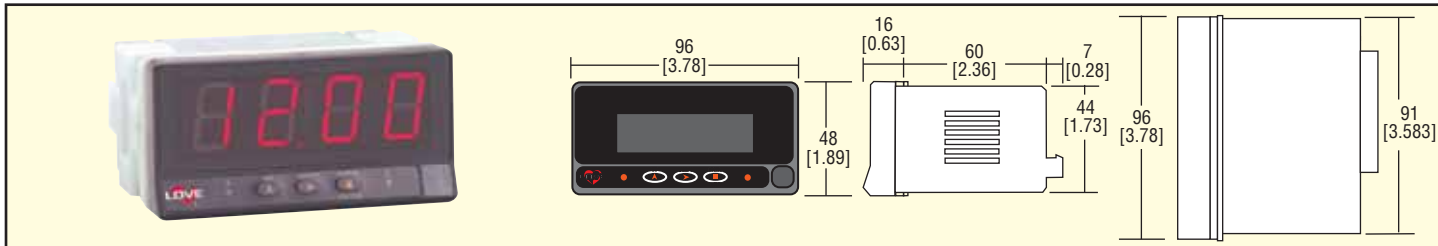




Series  
LCI108  
&  
LCI108J

# 3-1/2 Digit Panel Meter

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



The LCI108 & LCI108J Series 3-1/2 digit panel meter 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 (14 mm) high display. The LCI108J (jumbo) has a 0.80 inch (20 mm) 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, depending on the model. The process and frequency inputs have appropriate transducer excitation power supplies, giving you everything you need in a compact package.

Model	Input	Display
LCI108-00	Process	.56" (14 mm) H
LCI108-10	T/C (J, K, T)	.56" (14 mm) H
LCI108-20	RTD	.56" (14 mm) H
LCI108J-10	T/C (J, K, T)	.80" (20 mm) H
LCI108J-20	RTD	.80" (20 mm) H

Consult factory for VAC, VDC, AAC, ADC and frequency input models.

### ACCESSORY

LCIA-01, Dual Relay Output Option Card

### SPECIFICATIONS

**Inputs:** Process, Thermocouple, RTD, VAC, VDC, AAC, 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.

**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.

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

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

**Power Consumption:** 3 W max.

**Operating Temperature:** 14 to 140 $^{\circ}$ F (-10 to 60 $^{\circ}$ C) / <95% @ 104 $^{\circ}$ F (40 $^{\circ}$ C) non-condensing.

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

**Agency Approvals:** CE.