**Process Control**

**Indicators**

**LCI408 1/8 DIN panel meters**

- LCIA-01 Dual Relay Output Option Card
  - SPECIFICATIONS
    - Relay Output: 2 SPDT relays rated at 8 A @ 250 VAC resistive.
    - Maximum Power: 2000VA, 192W.
    - Maximum Voltage: 250 VAC, 150 VDC.
    - Contact Resistance: 3mΩ maximum.
    - Output Response Time: 10 ms maximum.
  - Price: $93.00

- LCIA-02 Quad Relay Output Option Card
  - SPECIFICATIONS
    - Relay Output: 4 SPDT relays rated at 0.2 A @ 250 VAC resistive.
    - Maximum Power: 25VA, 192W.
    - Maximum Voltage: 250 VAC, 10 VDC.
    - Contact Resistance: 200mΩ maximum.
    - Output Response Time: 6 ms maximum.
  - Price: $119.00

- LCIA-05 Isolated Analog Retransmission
  - SPECIFICATIONS
    - Output: Selectable 0 to 10 VDC into 500 ohms minimum, 4 to 20 mA into 800 ohms maximum.
    - Resolution: 12 bits.
    - Accuracy: 0.1% of full scale ±1 bit.
    - Response Time: 60 ms maximum.
    - Thermal Drift: 0.2 mV/°C; 0.5µA/°C.
  - Price: $172.00

**Accessories for LCI Series**

**LCIA-03 RS-232 Serial Communications Option Card** for LCI108, LCI108J, LCI208, LCI308, and LCI408 1/8 DIN panel meters.

**LCIA-07 BCD Output Option Card** for LCI308 and LCI408 1/8 DIN panel meters.

**LCIA-08 RS-232 Serial Communications Option Card** for LCI308 and LCI408 1/8 DIN panel meters.

**LCIA-09 RS-485 Serial Communications Option Card** for LCI308 and LCI408 1/8 DIN panel meters.

The LC1108 & LC1108J Series 3-1/2 digit panel meters 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 LC1108 & LC1108J are identical except for the size of the display. The LC1108 has a 0.56 inch (14 mm) high display, The LC1108J (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.

**SPECIFICATIONS**

- **Inputs:** Process, Thermocouple, RTD, VAC, VDC, AAC, ADC, Frequency.
- **Input Impedance:**
  - AC & DC Voltage: 1 MΩ; Current: 12.1Ω;
  - AC & DC Voltage: 3 MΩ for 600 V, 300 kΩ for 200 V, 30 kΩ for 20 V.
- **Display:**
  - AC Volts: 3 MΩ for 600 V, 300 kΩ for 200 V, 30 kΩ for 20 V.
- **Output Response Time:**
  - Process: 5-1/2 digits Tri-state logic for 5V TTL or 24VDC signals.
  - Data Transfer Time: 2 ms.
- **Accuracy:**
  - Process: ±0.1% of reading (except T/C & RTD); ±0.4% of reading for T/C; ±0.1% for RTD.
  - Power Requirements: 120/240 VAC, 50/60 Hz ±10%.
  - Power Consumption: 3 W max.
- **Operating Temperature:** 14 to 140°F (-10 to 60°C) / <95% @ 104°F (40°C) non-condensing.
- **Front Panel Rating:** NEMA4X (IP65).
- **Agency Approvals:** CE.

**Price**

- **LCIA-01** Dual Relay Output Option Card: $93.00
- **LCIA-02** Quad Relay Output Option Card: $119.00
- **LCIA-05** Isolated Analog Retransmission: $172.00
- **LCIA-03** RS-232 Serial Communications Option Card: $227.00
- **LCIA-07** BCD Output Option Card: $172.00
- **LCIA-08** RS-232 Serial Communications Option Card: $227.00
- **LCIA-09** RS-485 Serial Communications Option Card: $227.00

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