The LCI108 & LCI108J 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 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.

SPECIFICATIONS
Inputs: Process, Thermocouple, RTD, VAC, VDC, AAC, ADC, Frequency.
Input Impedance:
Process: Voltage, 1 MΩ; Current, 12.1Ω.
AC & DC Current: 0.012Ω for 5 A, 0.06Ω for 1 A.
AC & DC Voltage: 3 MΩ for 600 V, 300 kΩ for 200 V, 30 kΩ 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:
±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:
NEMA 4X (IP65).
Agency Approvals:
CE.

Accessories for LCI Series
LCIA-01 Dual Relay Output Option Card for LCI108, LCI108J, LCI208, LCI308, and LCI408 1/8 DIN panel meters
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.

LCIA-07 BCD Output Option Card for LCI308 and LCI408 1/8 DIN panel meters.
SPECIFICATIONS
Output: 5-1/2 digits Tri-state logic for 5V TTL or 24VDC signals.
Data Transfer Time: 2 ms.

LCIA-02 Quad Relay Output Option Card for LCI208, LCI308, and LCI408 1/8 DIN panel meters
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: 30mΩ maximum.
Output Response Time: 6 ms maximum.

LCIA-08 RS-232 Serial Communications Option Card for LCI308 and LCI408 1/8 DIN panel meters.
SPECIFICATIONS
Protocol: Selectable ISO1745 (ASCII) or Modbus® RTU protocol.
Baud Rates: 1200 or 19200 baud, selectable.
Address Range: 0 to 99.

LCIA-05 Isolated Analog Retransmission for LCI308, and LCI408 1/8 DIN panel meters
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.

LCIA-09 RS-485 Serial Communications Option Card for LCI308 and LCI408 1/8 DIN panel meters.
SPECIFICATIONS
Output: RS-485, half duplex, 3 wire, via RJ-11 connector.
Protocol: Selectable ISO1745 (ASCII) or Modbus® RTU protocol.
Baud Rates: 1200 or 19200 baud, selectable.
Address Range: 0 to 99.

Accessories for LCI Series
LCIA-01 Dual Relay Output Option Card
LCIA-07 BCD Output Option Card
LCIA-02 Quad Relay Output Option Card
LCIA-05 Isolated Analog Retransmission
LCIA-08 RS-232 Serial Communications Option Card
LCIA-09 RS-485 Serial Communications Option Card

Modbus® is a registered trademark of Schneider Automation, Inc.

CALL TO ORDER: U.S. Phone 219 879-8000 • U.K. Phone (+44) (0)1494-461707 • Australia Phone (+61) (0) 2 4272 2055