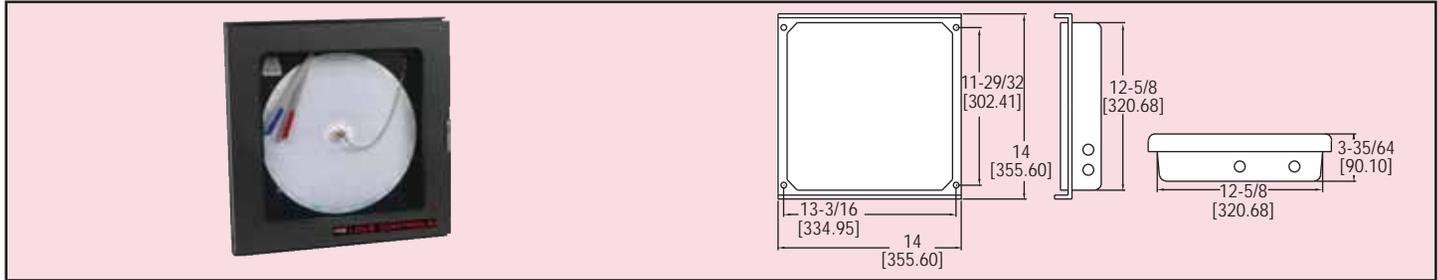




Series  
LCR20

# Dual Pen Circular Chart Recorder

Dual Pen, Adjustable Rotation Speeds, Selectable Recording Times



The LCR20 Dual Pen Circular Chart Recorder offers a wide range of features in an easy to use package. The large 10 in (254 mm) circular chart allows easy reading of your data. Available in clockwise and counter-clockwise rotation, the LCR20 is compatible with Honeywell and Partlow circular charts. The LCR20 has one pen input that can be easily programmed for any of six different thermocouple types, 100 ohm platinum DIN RTD's, or process inputs (0 to 5 VDC or 4 to 20 mA). Inputs may be scaled to a minimum of 100 units (or degrees) to a maximum of the sensor scale or -1999 to +9999.

## SPECIFICATIONS

**Ranges Input 1:** Thermocouple: Type J, K, T, R, S, B; RTD: 100 ohm platinum DIN curve (0.00385 ohms per ohm per °C); Process: 0 to 5 VDC, 250 ohms impedance, 4 to 20 mA across 250 ohms.

**Ranges Input 2:** Thermocouple: Type J, K, T, R, S, B; RTD: 100 ohm platinum DIN curve (0.00385 ohms per ohm per °C); Process: 0 to 5 VDC, 250 ohms impedance, 4 to 20 mA across 250 ohms.

**Chart Size:** 10" (254 mm).

**Accuracy:** ±0.5% of span (100 division span).

**Output Relay:** Form C (DPDT), 1A @ 240 VAC resistive.

**Chart Speed:** Programmable 4, 8, 12, 24, 48, 72, 168 hour rotation (168 hours = 7 days).

**Ambient Operating Temperature/RH:** 32 to 140°F (0 to 60°C); 0-90% RH (non-condensing).

**Power Requirements:** 110/220 VAC ±10%; Battery backup: 9 V alkaline.

**Power Consumption:** 15 VA maximum.

**Housing Material:** Fire retardant polyphenylene ether and polystyrene PPE & PS w/ acrylic window.

**Mounting:** ±20 degrees of vertical, ±10 degrees of horizontal.

**Weight:** 7 lb (3.2 kg).

**Agency Approval:** CE.

Model	Rotation	Output
LCR20-101	Counter Clockwise	No
LCR20-111	Counter Clockwise	Yes
LCR20-201	Clockwise	No
LCR20-211	Clockwise	Yes

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