SERIES LCR10 & LCR20

CIRCULAR CHART RECORDERS

Single and Dual Pen, Rotation Speeds and Recording Times





The Series LCR10 & LCR20 Circular Chart Recorders are two series of circular chart recorders with single and dual pen options. The LCR10 is a single pen recorder and the LCR20 is a dual pen. They can be easily programmed for any of six different thermocouple types, 100 ohm platinum DIN RTDs, or process inputs.

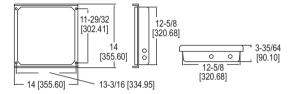
FEATURES/BENEFITS

- Uses large 10" (254 mm) circular chart to easily read data
- · Available with dual pen inputs

APPLICATIONS

- · Water level monitoring in water treatment
- Temperature/humidity in wood drying
- Room pressure monitoring in clean room applications

MODEL CHART			
Model	Rotation	Pen Inputs	Output
LCR10-101	Counter-clockwise	Single	No
LCR10-111	Counter-clockwise	Single	Yes
LCR20-101	Counter-clockwise	Dual	No
LCR20-111	Counter-clockwise	Dual	Yes



SPECIFICATIONS

Ranges: Thermocouple: Type J, K, T, R. S. B: RTD: 100 Ω platinum DIN curve $(0.00385 \Omega \text{ per } \Omega \text{ per } ^{\circ}\text{C})$: Process: 0 to 5 VDC, 250 Ω impedance, 4 to 20 mA across 250 O

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 battery. installed functional, user replaceable.

Power Consumption: 15 VA max. Housing Material: Fire retardant polyphenylene ether and polystyrene PPE & PS with acrylic window.

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

Weight: 7 lb (3.2 kg). Agency Approvals: CE.

ACCESSORIES		
Model	Description	
LCR200	Chart paper, 0 to 200°F, 24 hour, CCW	
LCR2007	Chart paper, 0 to 200°F, 7 day, CCW	
LCR110C	Chart paper, 0 to 110°C, 24 hour, CCW	
LCR-R	Red chart pens, package of 6	
LCR-B	Blue chart pens, package of 6	