The Series LCR10 Circular Chart Recorder offers a wide range of features in an easy to use package. The large 10” (254 mm) circular chart allows easy reading of your data. Available in clockwise and counter clockwise rotation, the LCR10 is compatible with Honeywell and Partlow circular charts. The LCR10 can be easily programmed for any of six different thermocouple types, 100 Ω platinum DIN RTD’s, or process inputs (0 to 5 VDC or 4 to 20 mA). Inputs may be scaled to a min of 100 units (or degrees) to a max of the sensor scale or -1999 to +9999.

### SPECIFICATIONS

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

### Model Options

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<th>Model</th>
<th>Rotation</th>
<th>Output</th>
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<tbody>
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<td>LCR10-211</td>
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The LCR20 Dual Pen Circular Chart Recorder offers a wide range of features in an easy to use package. The large 10” (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 Ω platinum DIN RTD’s, or process inputs (0 to 5 VDC or 4 to 20 mA). Inputs may be scaled to a min of 100 units (or degrees) to a max of the sensor scale or -1999 to +9999.

### SPECIFICATIONS

- **Ranges Input 1**: Thermocouple: Type J, K, T, R, S, B; RTD: 100 Ω platinum DIN curve (0.00385 ohms per Ω per °C); Process: 0 to 5 VDC, 250 Ω impedance, 4 to 20 mA across 250 Ω.
- **Ranges Input 2**: Thermocouple: Type J, K, T, R, S, B; RTD: 100 Ω platinum DIN curve (0.00385 ohms per Ω per °C); Process: 0 to 5 VDC, 250 Ω impedance, 4 to 20 mA across 250 Ω.
- **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 Approval**: CE.

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