



DRC901C Recorder  
(2 Pen with Display  
model is shown  
for reference)

# Honeywell Circular Chart Recorder

The DRC900C series includes microprocessor based circular chart recorders that provide one of the most cost-effective solutions for dependable pen-drawn analog traces. Designed as the successor to the Honeywell DR4300, the DRC901C recorder offers an enhanced solution with a 10-inch chart size and one- or two-pen options plotting on a pre-printed chart. The recorder is available with and without local display options, delivering flexibility to meet a wide range of application requirements while ensuring a smooth transition away from the DR4300.

## FEATURES



### CHARTS

Over 200 preprinted charts are available to meet specific recording needs.



### INK CARTRIDGE

Disposable fiber-tip ink cartridge for dependable recording with minimum maintenance.



### UNIVERSAL POWER

Eliminates the concern with matching the local power requirements.



### UNIVERSAL INPUTS

Accepts standard thermocouple types, RTDs, mA, mV, or voltage inputs through simple configuration.



### THERMOCOUPLE FAILSAFE

Configurable upscale or down- scale burnout.

## Performance Specifications

Specification	Description
<b>Pen</b>	<p>Disposable fiber-tip ink cartridge, line length per cartridge more than 1000 ft (305 m)</p> <ul style="list-style-type: none"> <li>One Pen Model: Pen 1 (Purple).</li> <li>Two Pen Model: Pen 1 (Purple) and Pen 2 (Red).</li> </ul> <p><b>Note:</b> Only pen 1 (purple) references the chart timeline.</p>
<b>Chart</b>	<ul style="list-style-type: none"> <li>Recorder chart speeds set as part of configuration for 8 hours, 12 hours, 24 hours, or 7 days.</li> <li>Chart speed selectable from 1 hour to 744 hours.</li> </ul>
<b>Chart Size</b>	10.24-inch (260 mm) diameter chart with standard preprinted markings and a calibrated width of 4 inch (100 mm).
<b>Chart Drive</b>	DC Stepper Motor
<b>Chart Rotation Accuracy</b>	± 0.5% of rotation time
<b>Chart Recording Accuracy</b>	Up to 1.5% of chart span reference accuracy
<b>Chart Span Step Response Time</b>	7 seconds maximum
<b>Digital Display (Optional)</b>	<ul style="list-style-type: none"> <li>4.0 inch, Capacitive touch display</li> <li>Resolution: 480x800</li> <li>Backlight life &gt; 20,000 hours</li> </ul>
<b>Display Digit Resolution</b>	<ul style="list-style-type: none"> <li>Digital Readout: 8 digits,</li> <li>Display can be set for 0, 1 (XXX.X) or 2 (XX.XX) or 3 (XXX.XXX) decimal position, °F or °C units.</li> <li>Input range can be scaled from -999 to 9999 and bias from -999 to 9999.</li> </ul>

## View our Honeywell Recorders

Item #	Description
<b>700002644</b>	BN-HONEYWELL Honeywell DRC900C-1210 Circular Chart Recorder (Two Pen arm)
<b>700002645</b>	BN-HONEYWELL Honeywell DRC900C-1110 Circular Chart Recorder (One Pen arm)