



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

Honeywell Circular Chart Recorder

The DRC901C 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
Pen	Disposable fiber-tip ink cartridge, line length per cartridge more than 1000 ft (305 m) - One Pen Model: Pen 1 (Purple). - Two Pen Model: Pen 1 (Purple) and Pen 2 (Red). Note: Only pen 1 (purple) references the chart timeline.
Chart	- Recorder chart speeds set as part of configuration for 8 hours, 12 hours, 24 hours, or 7 days. - Chart speed selectable from 1 hour to 744 hours.
Chart Size	10.24-inch (260 mm) diameter chart with standard preprinted markings and a calibrated width of 4 inch (100 mm).
Chart Drive	DC Stepper Motor
Chart Rotation Accuracy	± 0.5% of rotation time
Chart Recording Accuracy	Up to 1.5% of chart span reference accuracy
Chart Span Step Response Time	7 seconds maximum
Digital Display (Optional)	4.0 inch, Capacitive touch display - Resolution: 480x800 - Backlight life > 20,000 hours
Display Digit Resolution	- Digital Readout: 8 digits, - Display can be set for 0, 1 (XXX.X) or 2 (XX.XX) or 3 (XXX.XXX) decimal position, °F or °C units. - Input range can be scaled from -999 to 9999 and bias from -999 to 9999.

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Item #	Description
700002644	BN-HONEYWELL Honeywell DRC901C-1210 Circular Chart Recorder (Two Pen arm)
700002645	BN-HONEYWELL Honeywell DRC901C-1110 Circular Chart Recorder (One Pen arm)