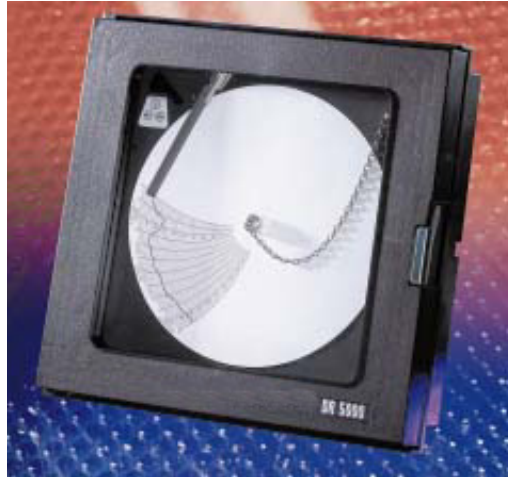


HCS Heaters Controls & Sensors Ltd HCS



The FZY 5000 is a circular chart recorder like no other.

Programmable alarm options combined with ease of setup provide the flexibility required for multiple recording applications.

The ink style FZY 5000 is the first recorder to self document setup configurations and can operate using standard or competitive charts, another first in the industry. Eliminate multi vendor chart inventories while reducing operator confusion.

Protect your process with the FZY 5000 battery backup option, which provides continuous recording for up to 48 hours in the event of power loss .

The thermal print version offers a single chart inventory for all of your recording needs.

Print your own chart technology includes real time trend and digital data directly on your historical records.

No more confusion when replacing charts. The FZY 5000 the right choice for recording.

No Dip switches for configuration No Manual required for setup

Latching or non latching relays

Self documents setup configuration

Ink or print your own chart style

Ink cartridge or thermal printing

Uses standard or competitive charts

Up to 48hrs of recording during power loss

Latching or Non-latching relays UL, CUL, CE

SPECIFICATIONS :

Power Line Voltage: 110/220VAC, 50/60Hz

Power Consumption: 15VA maximum

Input Thermocouple (T/C):Type J, K, T, R, B, S,RTD: PT100 ohm RTD (385curve) Linear :4-20mA, 1-5VDC, 0-5VDC Range: Per table in manual

Common Mode Rejection:> 120dB at 60Hz Cold Junction Accuracy : $\pm 0.2^{\circ}\text{C}$ @ 25°C

Ambient Error : $\pm 0.01\%$ span $^{\circ}\text{C}$ from 25°C ambient

Isolation inputs share common ground on 2 pen units

Input Impedance : Linear = 249 ohm/ TC = 470K ohm

Recording Chart Size : 10 "

Recording Accuracy : $\pm 0.5\%$ of span (100division span)

Sensor Break : Full scale Pen <10 seconds

Chart Speed : Configurable

Input Filtering : Programmable up to 120 seconds

Process Display Option Red LED , 4 digit, .0,40

Options Relay : DPDT , 1.0Amps @ 120VAC resistive Relay

Program: Process, Band, Non-latching, Latching

Error Protection: De-energized during sensor break.

Hysteresis : Set at 2units, activation is safe sided

Battery Back up: Ink Style: Up to 48hours of recording (optional)

Thermal print style : Maintains real time clock only

Environmental and Physical Operating Temperature:0to 60°C

Storage Temperature : -40 to 65°C Humidity:0-90% RH (non-condensing)

Vibration : 0.3 to 100 Hz @ 0.2 g

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

Mouldings : Fire retardant Noryl w/acrylic window

Panel Rating : Nema 3 std (Nema 4 option)

Dimensions :14.0 (H) x 14.0 (W) x 3.8 (D) 7 pounds maximum

www.hcs77.com 60- Meg Dr Unit 13 London Ont

N6E 3T6Ph (519) 686 2715 Fax (519) 686 8159