GLOBAL
SINCE 1977

Clean Room Instrumentation for EMS

When Close Monitoring Matters...

...Trust GLOBAL

CLEAN ROOM MONITORS

DIFFERENTIAL PRESSURE INDICATORS

Swiss Made: **RH+TEMPERATURE SENSORS**

GLOBAL ELECTRONICS, HYDERABAD, INDIA

AN ISO 9001:2008 COMPANY

Clean Room Instrument- CR 131 LCD

FEATURES

- o Software calibration for all 3 channel with password protection
- o Programmable Alarm Limits with Visual Annunciation
- o Records Max and Min Values
- o **Internal Data Logging up to 1000 logs***
- o Confirms to 21 CFR11 requirements.
- o Microprocessor based design with LED display advanced fault tolerant design.
- o 3 Channel Display of any parameter
- o Channel ranges and units can be preconfigured (Factory Configured)
- o RS 485 Communication
- o In built Alarm Buzzer
- o Hi & Lo Alarm with Relay Contact
- o 24V DC ± 10% power supply

Display : Graphic LCD with Blue backlight

3 channel display , 3 digit display for each Channel

For standard configuration, Units display on LCD in LCD version

Ch. 1 : %RH, Ch. 2 : °C, Ch.3 : mmWC or Pa.

Input : 3 channel 0 – 10V DC / 4 – 20 mA DC / RTD PT100 *

Input : Voltage or Current or RTD PT100 (only Channel 2) *

Input ranges : 0 to 1 or 10V / 0 to 5 or 1 to 5V / 4 – 20 mA DC on all Channels

& RTD (only on channel 2) * Factory Configured

Instrument Accuracy : < ± 0.25% FS + 1 digit

Calibration : Software calibration for each channel

Power : 12V to 26 V DC, 3 VA (recommended 24V)

Alarms : Programmable for each Channel with LED annunciation

Alarm Buzzer : Internal Alarm Buzzer, Silenceable through ACK key.

Alarm Relay * : Common Alarm Relay, configurable for all Channels. **Max Load**:

0.5A @ 30 V DC

Clock * : Real time Battery Operated Clock (Battery: CR2032)

Calibration data * : Stored in Non Volatile memory with calibration date and time

stamp

Records * : 1000 records at user selected interval

Communication * : RS 485 MODBUS RTU Protocol.

* ⇒MUST BE SPECIFIED AT THE TIME OF ORDERINGSENSORS

*Specification and data subject to change without prior notice