

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



Since 1977

...Leadership Through Research

RH & TEMPERATURE SENSOR Model: RHT-A

Global's new RHT-A Sensor incorporates Swiss made, precisely calibrated ASIC based Capacitive Polymer Relative Humidity Sensor designed for high accuracy measurement over a wide range of RH & Temperature. It has a built-in Signal Processing circuit which delivers stable output with fast & dynamic response. Its mechanical design with a protection filter provides a robust sensor which is ideal for use in wide range of demanding applications.

FEATURES

- **Wide Measurement Range:**
 - RH: 0 to 100% RH
 - Temperature: - 40 to + 60 °C (Optional: upto 100 °C)
- **High Accuracy:** ± 1.8% RH; & ± 0.3 °C
- **Low Drift, High Stability Sensor made in Switzerland.**
- Splash proof construction with Protection filter
- Temperature Compensated
- **Compact construction:** 16 mm Dia x 120 mm long
- Independent 0 to 1V Outputs for RH & Temperature
- Integral 1 m cable
- **Attractive pricing.**

SPECIFICATIONS

Measurement Range

Relative Humidity : 0 to 100% RH; Temperature: - 40°C to +60°C

Accuracy : Relative Humidity: ± 1.8% RH;

Temperature : ± 0.3°C Reproducibility: Relative Humidity: ± 0.2% RH;

Temperature: ± 0.1°C

Response Time : < 15 sec to reach 90% of the value

Output : 0 to 1 V for 0 to 100% RH; 0 to 1V for - 40°C to +60°C

Power Supply : 8V to 14V DC

Dimensions : 120 mm Long and 16 mm Dia.

Cable : Integral 1 meter Shielded Cable



DATA & SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Our Clean Room Monitor

CR 125



CR 130



DPI 101



Also available with rectangular faceplate

AN ISO 9001:2008 COMPANY

GLOBAL ELECTRONICS

3-5-331, NARAYANGUDA, HYDERABAD-500029. INDIA

PH: +91 4023221391, 23226687 FAX: +91 402322 2484 Email: Info@ge-india.com