

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 (4-20mA)

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
- **High Accuracy:** $\pm 1.8\%$ RH; & ± 0.3 °C
- **Low Drift, High Stability Sensor made in Switzerland.**
- Splash proof construction with Protection filter
- Temperature Compensated
- Independent 4-20 mA 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: $\pm 1.8\%$ RH;
Temperature : ± 0.3 °C Reproducibility: Relative Humidity: $\pm 0.2\%$ RH;
Temperature : ± 0.1 °C
Response Time : < 15 sec to reach 90% of the value
Output : 4-20mA for 0 to 100% RH; 4-20mA for - 40°C to +60°C
Power Supply : 8V to 14V DC
Cable : Integral 1 meter Shielded Cable



DATA & SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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