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

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**:
  - o   RH: 0 to 100% RH
  - o   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 Monitors

CR 125

CR 130

DPI 101

Also Available in Rectangular enclosure

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