



TEMPERATURE RELATIVE HUMIDITY SENSOR SUNBLOCK RADIATION SHIELD

FEATURES

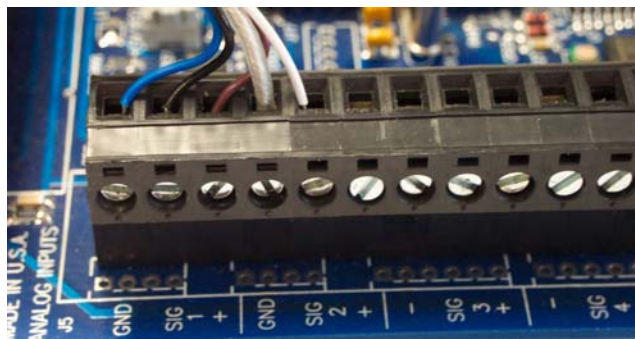
Automata's Relative Humidity and Temperature Sensor is a simple and cost effective humidity transmitter suitable for environmental applications. Because of its very low current consumption and short power-up time, the HMP50T is well suitable for battery-powered applications. The aluminum body of the HMP50T is IP65-classified. The sensor is protected by a membrane filter and is highly recommended for use with the SUNBLOCK Radiation Shield.



Specifications	Relative Humidity "Replaces the H50"	Temperature "Optional"
Environmental Range	0 to 100% RH	-40°C to +60°C
Supply Voltage	7-28 Volts	
Typical Accuracy at +20°C	0 to 90%RH ± 3% RH 90 to 98% ±5% RH	±0.6% °C
Stability	±2% RH over 2 years	
Output	0-5 Volts	0-5 Volts
Current Consumption	2mA Typical	
Settling Time at Power-up	150 ms	
Materials		
Body	Chrome Coated Aluminum	
Grid/Filter	Chrome Coated ABS plastic	
Housing classifications	IP65	
RL Min	50K	
Cable Length	9.8' (3m)	

Wiring:

- Blue – J5 GND
- Black –J5 Temperature
- Brown – J5 +
- Clear –J5 GND
- White -J5 Relative Humidity



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