Temp & Humidity Sensor for GrowSphere™ ONE

Air Temperature and Relative Humidity sensors, that are packaged in the same housing and provide real-time climate data, to maximize crop health and irrigation efficiency

/ Benefits & Features

→ Cost-efficient

→ High sensitivity and accuracy

→ Easy installation

→ Rugged and durable

→ Waterproof and anti-UV shelter

/ Technical Specifications

	Temperature	Humidity
Measuring range	-40° to 60° C (-40° to 140° F)	0 to 100% RH
Resolution	0.1° C (32.18° F)	0.5%RH
Accuracy	±0.5° C (±32.9° F)	±3%RH
Supply	12VDC	
Output	4-20mA	
Operating temperature	-40° to 80° C (-40° to 176° F)	
Ingress protection	IP65	
Storage	10° to 60° C (50° to 140° F) at 20% to 90% RH	
Cable length	3m (9.8ft)	

orbia | Precision Agriculture

🌢 NETAFIM™ DIGITAL FARMING

→ Wiring Diagram
(One device with two sensors requires 2xAI ports)

Terminal	Wire	
+	🔴 Red	Connect to either Analog Input ports
AI	🟤 Brown	Temp – connect to one of the Analog Input ports at AI socket (center)
AI	⚪ White	Humidity – connect to one of the Analog Input ports at AI socket (center)
–	⚫ Black	Connect to either Analog Input ports

→ Installation

1. Select the optimal location of the sensor that represents the average condition of the plot
2. The sensor should be installed in a stable environment area
3. Avoid direct sunlight

→ Care & Maintenance

No maintenance is required

→ Kit Contents

- Air temperature and relative humidity sensor
- Product sheet

→ Catalog Numbers

Description	Catalog Number
TEMP&HUMIDITY SENSOR FOR ONE	74320-000009

For **Grow**Sphere™
Support Center
Scan:

orbia | Precision Agriculture

♦ **NETAFIM**™ DIGITAL FARMING