

Temperature/Relative Humidity Control Mate

BGW-100

Spec Sheet



Measurement Range

Temperature: -40°C to +120°C (-40 to 240°F)

Relative Humidity : 0-100 %

Typical Accuracy

Temperature: +/- .3°C

Relative Humidity: +/- 2% RH

Connectors

Black - Power 12VDC In

Yellow - Temperature Relay Out

Green - Humidity Relay Out

Operating Voltage

9-36 VDC (12 VDC /AC wall adapter included)

Power Consumption

15mA @ 12 Vdc

Backup Battery

Lithium Ion, Internally Charged

Backup Up To 7 Days

Wireless

Bluetooth 5 with Mesh Network

FCC ID X8WBT840X / IC ID 4100A-BT840X

Operational Conditions

-22 - 167°F / -40 - 85°C

95% R.H. @ 122°F / 50°C Non-Condensing

Size

4.5 x 3.38x 1.85 in / 114 x 86 x 47mm

Weight

9 oz / 255.15g

Monitors / Controls

Load (Max 1 Amps @ 12 Vdc per alarm relay output)

Two Alarm Outputs Low and High (Temp Threshold and Relative Humidity Threshold)

External Temperature and Relative Humidity (15 ft)



Internal Status LEDs

Green - Power

Blue - Connectivity

Red - Alarm