

Power Requirements

10 to 30 VDC at 50mA

Operating Environment

Temperature: - 40° to 60°C (- 40° to 140°F)

Relative Humidity: 0-100%, Condensing

Irradiance SensorSensor Range: 0 to 1750 W/m²

Accuracy: +/-5%

Cosine Response 45°: +/-1%

Cosine Response 75°: +/-5%

Operational Temperature: -25° to 55°C (-13° to 131°F)

Resolution: 1 W/m²**Ambient Air Temperature Sensor**

Range: - 40° to 80°C (- 40° to 176°F)

Accuracy: +/- 0.3°C (.54°F)

Thermal Time Constant: 30 sec.

Resolution: 0.1°C

Back of Module (BOM) Temperature Sensors:

Range: - 40° to 80°C(- 40° to 176°F)

Accuracy: +/- 0.3°C (.54°F)

Thermal Time Constant: 270 sec.

Cable Length: 7.62m (25 ft)

Resolution: 0.1°C

RS-485/422 Serial Port

Mode: 2-Wire Half Duplex

Connector: 4-Position Screw Terminal (A(-), B(+), Signal and Earth Ground)

Max Speed: 9600 Baud

Termination: 120 ohms (Internal Jumper Enable)

Materials

Polyvinyl Chloride, Acrylonitrile Butadiene Styrene, Stainless Steel, Anodized Aluminum, Lexan®, Delrin

Electronics:

Lead-free RoHS Compliant

Physical:

Packaged Dimensions: 58.42cm x 25.4cm x 20.32cm (23" x 10" x 8")

Packaged Weight: 2.26kg (5 lbs.)

Warranty

2 Years