

Plugsensor

Solar Radiação PAR



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The **Plugsensor Radiação Solar PAR** is a sensor used to measure light intensity at wavelengths associated with photosynthesis, covering the spectral range of 350 to 1,100 nm. It offers a measurement range of 0 to 2,000 W/m², ensuring precision and reliability in different environmental conditions. Built entirely in aluminum with waterproof sealing, it is designed for outdoor use, enabling continuous and long-term monitoring.



Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	5 a 24 VDC
Measurement	Measurement Range: 0 to 2,000 W/m ²
	Spectral Range: 350 to 1,100 nm
	Accuracy: ±5% rdg
Operating Temperature	-40 °C to 80 °C
Enclosure	Aluminum
Dimensions	39 cm x 37 cm
Cable / Connector	80 cm / Weipu Série SP13 - IP68

Sensor available for integration with Plugstation from model WS22 onwards.

