

# Irradiation Sensors

## Irradiation sensors Class II & Class I pyranometers

Pyranometers measures hemispherical solar radiation according to the latest standards. They are classified as ISO 9060 secondary standard, first class or second class and offer the best measurement accuracy in its class. They are used extensively in solar energy, PV monitoring and in meteorology.



## Technical Specifications

Descripción	SR15-D2A2	SR05-D2A2	SR20-D2
Measurand	Hemispherical solar radiation	Hemispherical solar radiation	Hemispherical solar radiation
ISO 9060: 2018 classification	Class B (first class)	Class C (second class)	Class A (secondary standard)
Output	4/20 mA current loop, Modbus TTL	4/20 mA current loop, Modbus TTL	4/20 mA current loop, Modbus RS485
Spectral range	285 to 3000x10 <sup>-9</sup> m	285 to 3000x10 <sup>-9</sup> m	285 to 3000x10 <sup>-9</sup> m
Rated operating temperature range	-40 to +80°C	-40 to +80°C	-40 to +80°C
Standard cable length	5m	3m	5m
Transmission	RTU	Transmitted range: 0-1600W/m <sup>2</sup>	RTU
Reference	SR15-D2A2	SR05-D2A2	SR20-D2

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