SOLAR RADIATION SENSOR TS304

Silicon pyranometer Model TS 304 is an instrument intended for the measurement of solar radiation.
The sensor consists of a silicon diode that converts light energy into an electrical signal that is conditioned to obtain a high level analog output.
It responds in a spectral band between 400 and 1100 nm, being able to measure both incident and reflected radiation
The integrated accuracy over a one-day period and has a one-day integrated accuracy as a snapshot of ± 5% Fe.

SPECIFICATIONS

Spectral response:	*0.4 to 1.1 microns*
Measurement range:	*0 – 1400 W/m2*
Output:	*200 to 3280 mV*
Sensor:	*Silicon photovoltaic cell*
Accuracy:	*± 5% scale background*
Response time:	*10 milliseconds*
Operating Temperature:	*-30 to + 60 °C*
Leveling:	*by level bubble*
Power Supply:	*9 – 16 Vcc(typical 12Vcc)*
Cable:	*3 mts. long*
Material of the body:	*Delrin with UV protection*

ACCESSORIES

- *Multiple support model AS 237*

Other specifications and ranges available upon request.