

SOLART-SYSTEM LTD

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SOLAR RADIATION SENSOR

The Solar Radiation Sensor has been developed for sensing the solar radiation and it can sense very broad range of the radiation spectrum from the invisible light to the infrared.

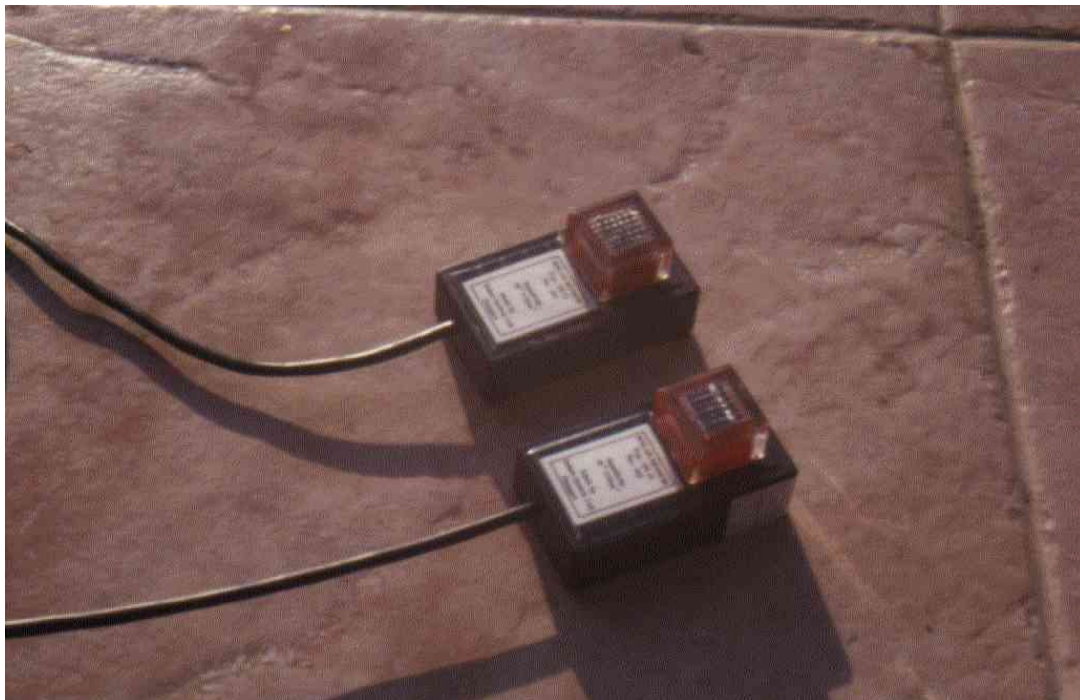
The Solar Radiation Sensor responds very rapidly with powerful electrical signals without any electrical power supply to the effect of the solar radiation.

The Solar Radiation Sensor consists of semiconductor based sensing element being housed in a hermetically closed plastic unit.

The internal terminals and matching elements of the Solar Radiation Sensor are also housed in a hermetically closed plastic box.

The Solar Radiation Sensor is provided by an electrical cable shielded with a length of 2 m and by plugs.

The Solar Radiation Sensor has been manufactured and tested very thoroughly by using up-to-date photovoltaic solar technology.



The main technical data

Type : SS11

Dimensions

- plastic unit : 21x21x16 mm
- plastic box : 65x36x19 mm
- length of the cable : 2 m
- weight : approx. : 110 gr.

Sensitivity : 10^{-4} V/Wm⁻²

The spectral response of the Solar Radiation Sensor is as follows:

