

## New Apogee Wire Colors – Updated Aug,30th 2018

### OPERATION AND MEASUREMENT

Connect the sensor to a measurement device (meter, datalogger, controller) capable of measuring and displaying or recording a millivolt (mV) signal (an input measurement range of approximately 0-250 mV is required to cover the entire range of total shortwave radiation from the sun). In order to maximize measurement resolution and signal-to-noise ratio, the input range of the measurement device should closely match the output range of the pyranometer.

**SP-110:** The sensor is self-powered and applying voltage will damage the sensor.

**VERY IMPORTANT:** Apogee changed all wiring colors of our bare-lead sensors in March 2018 in conjunction with the release of inline cable connectors on some sensors. To ensure proper connection to your data device, please note your serial number or if your sensor has a stainless-steel connector 30 cm from the sensor head then use the appropriate wiring configuration below.

Wiring for SP-110 Serial Numbers range 0-60050



Wiring for SP-110 Serial Numbers 60051 and above or with a cable connector

