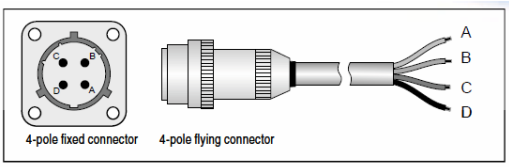
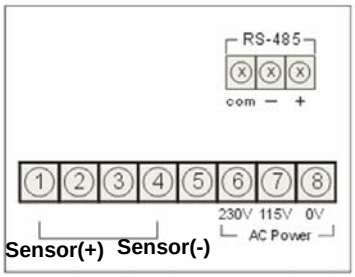
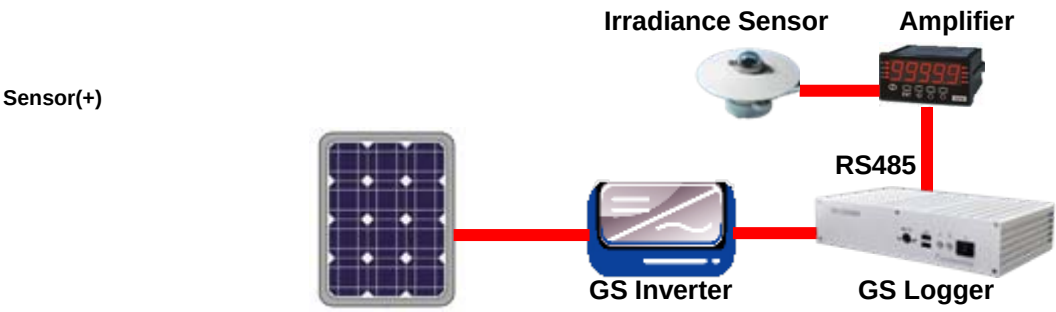
Sensor (with Amplifier)

PYRA silicon irradiance sensor comply with ISO 9060 standard, and meet the requirements defined by the World Meteorological Organization (WMO). These are strong and reliable ground-based instruments, especially designed to be used under all weather conditions. They are suitable for installation on the field. The sensor with an Amplifier output the RS 485 signal compatible with GS Logger, GS Home Touch, or PC installed with GS Control Software.

Specifications:

Communication	RS 485
Measuring Range	0 to 2000 W/m^2
Accuracy	±2 %
Sensitivity	10 μV/(W/m^2)
Spectral Range	305 nm to 2800 nm W/m^2 (50%)
Response Time	<30 sec
Operating Temperature	-40º C to +80º C



Connector	Function	Colour
A	Shield (⏚)	Black
B	Positiv (+)	Red
C	Negativ (−)	Blue
D	Housing (⏚)	White