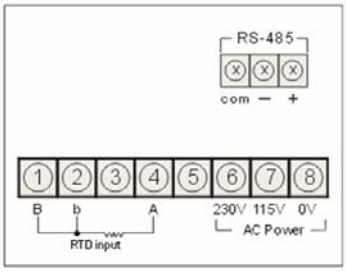
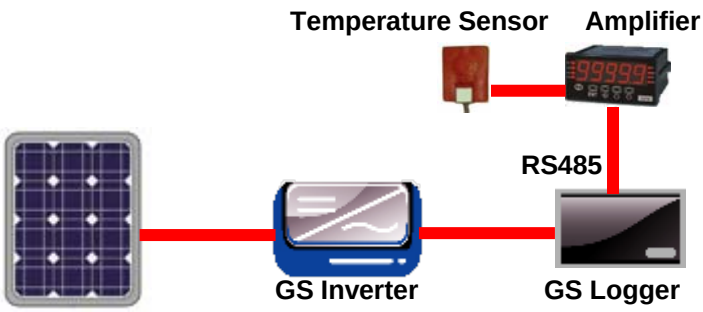
Sensor (with Amplifier)

In some situation, we need a external temperature sensor to measure the surface temperature on PV module or environment temperature. You can use BCT or PT100 sensor with an amplifier. 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.

BCT

PT100

Specifications:

	PT100	BCT
Communication	RS 485	RS 485
Measuring Range	-20º C to +120º C	-20º C to +245º C
Accuracy	± 0.5º C	± 0.5º C
Sensor Type	PT100Ω	PT100Ω
Response Time	1 sec/100º C	1 sec/200º C
Max Communication Distance	1200m	1200m
Amplifier Dimensions	96(W)x48(H)x144(D)mm	96(W)x48(H)x144(D)mm

Amplifier Connection: