

Instromet Stand Alone Sun Sensor – Davis interface wiring instructions.

This installation sheet explains how to connect the Davis Interface for the Instromet stand alone sunshine recorder.

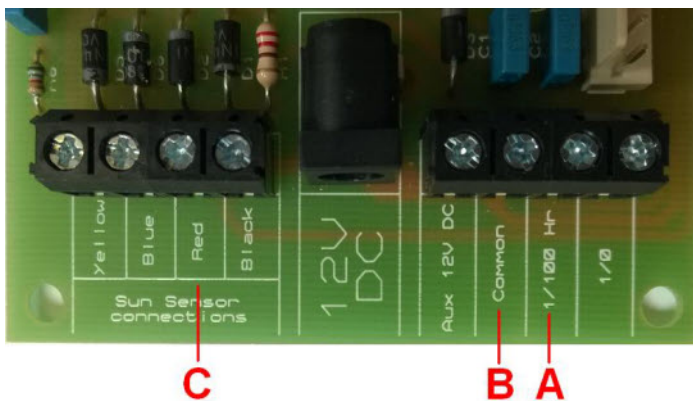
Interface contents:

Interface box with 50cm RJ11 connection cable
25m of four core cable.

Wiring instructions:

Using the supplied 25m four core cable, disregard the blue wire and connect the three other cores as per the below instructions within the stand alone sun sensor control box.

Note: The 25m cable can be cut down to length if required.



A = Signal output – Yellow wire
B = Common – Black wire
C = 5V supply – Red wire

Note this wiring should mean that two cables are connected to the sensor “Red” terminal.

Now wire the other end of the 25m four core cable to its respective colour coded terminals within the interface box:

Black
Yellow
Red

See adjacent image:



Once this has been done, the 50cm RJ11 plug can then be connected to the Davis “rain sensor” input. Ensure the Davis Rain input is set to 0.01” to get the correct sunshine reading when the system is running.