Instromet Humidity sensor.
480 1000 041/01

To Temperature Probe

To Humidity Sensor

0.5 A fuse
for
12 V supply

JUNCTION BOX
&
POWER SUPPLY

480 1000 046

** WARNING **
Disconnect mains supply
before removing lid

12 volt DC supply
or Battery backup

230 Volts AC Supply
FUSE 2A max
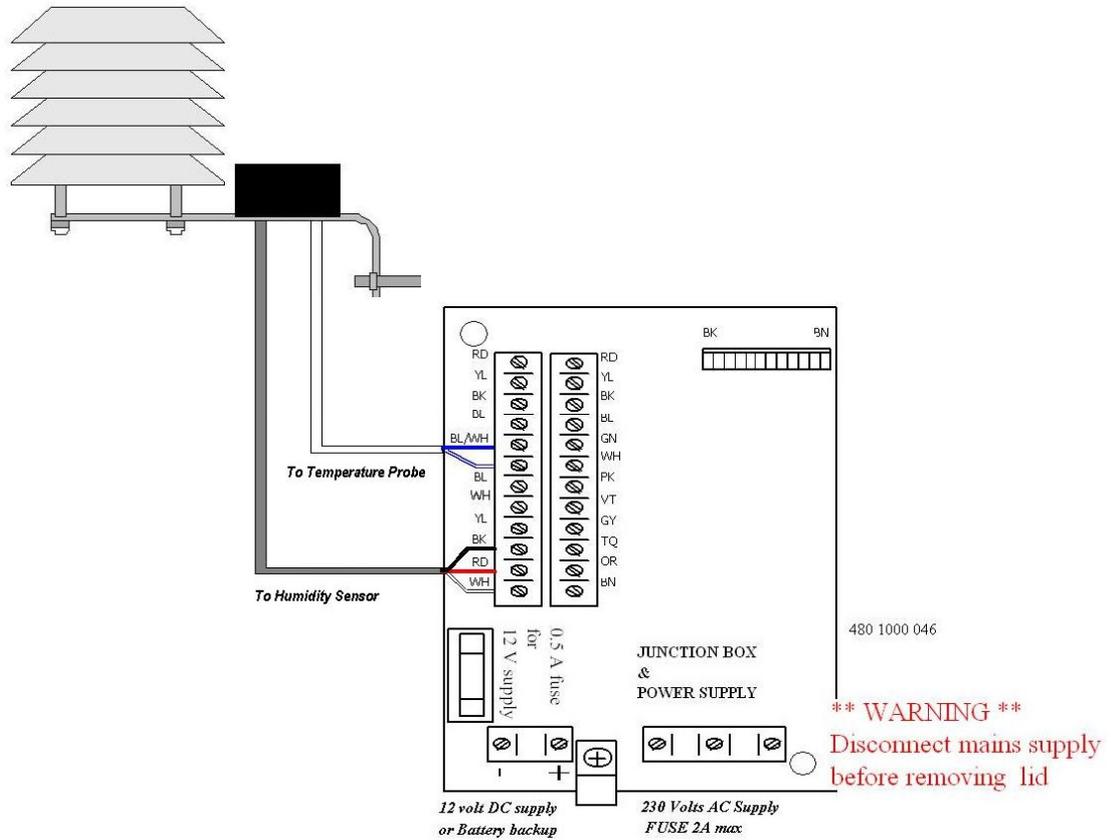
Wall or mast mount away from heater or air conditioner outlets.
Avoid mounting over flat roofs which may radiate heat during sunny periods.

From Hummiter

Black	Blue	White	Brown	Temp Probe	Temp Probe
Screen Connect to black cable	Black	White	Red	Blue	White

To Junction Box

Installation Instructions

This unit can be wall or mast mounted. It should be fitted where there is free movement of air and away from heater /ventilation outlets, chimneys, warm walls and flat roofs etc. The length of the cable affects the calibration and therefore should not, if possible, be shortened or lengthened.

The cable is connected in the junction box with the white two core cable (blue and white cores) connected to the AIR TEMP terminals and the grey (Red Black and White cores) to the rain sensor and RH terminals as per the diagram.

If another air temperature probe is being used, such as the one on the wind sensor, then there is no need to connect the temperature probe on the "Hummiter" as this probe does not have a bearing on the humidity reading and is only there if another air temperature is not already in use.

Specifications

Humidity Sensor.

Measurement range:	0......98%RH
Typical Accuracy at +20°C (+68°F)	
0.....90%RH	±3%RH
90...98%RH	±5%RH
Stability	±2%RH over 2 years
Environmental operating temperature	-10°C...+60°C

Operating Instructions

Outside Temperature
The LCD temperature display shows the outside temperature at the roof top sensor. Celsius or Fahrenheit display may be selected by pressing the lowest of the buttons on the left side of the analogue display cabinet.

Met4Net configuration

Humidity and Dew Point
When you have connected your humidity sensor go to the "Device" tab of the MetAdmin program and under the "Humidity" heading select "Electronic" for the device type. If this is not done then the MetActive screen will not display any readings.

Maintenance

With no moving parts the Instromet humidity sensor should not require any sort of ongoing maintenance once installed.

Troubleshooting Guide.

Temperature display flashing LLL.

This indicates that the temperature probe is not connected to the instrument. Check that the *blue and white* wires from the Humidity sensor are correctly connected to the appropriate terminals.

If all fails call service department **01692 502800** or return the sensor to us for checking or replacement.

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