

## Installation Notes

- The sensors are connected to the analogue inputs to the WebBrick Controller, see Fig1.
- Cable: Cat 5E cable is recommended for Humidity sensor connections. WebBrick Systems supply humidity sensors with 2m Cat 5E pre-attached.
- Unused cores: We recommend that unused cores are connected to ground.
- The signal from the humidity sensor is in the range from 0 to 5V but with the usual ambient humidity in the UK it's unlikely to give an output of lower than 1.8V corresponding to approximately 35%RH, for typical characteristics, see graph in Fig2.

## Connections

- Brown-White: +5V
- Green-White: Signal
- Green: Ground
- Brown: Ground, this core is not connected to the temperature sensor, grounding this core satisfies the EMC conditions of CE marking.

## Features

- Low cost solution to humidity measurement
- Connect up to 4 directly to WebBrick Controller
- Sensor Accuracy:  $\pm 3.5\%$  RH, 0-100 % RH non-condensing, 25 °C, repeatability 0.5%.

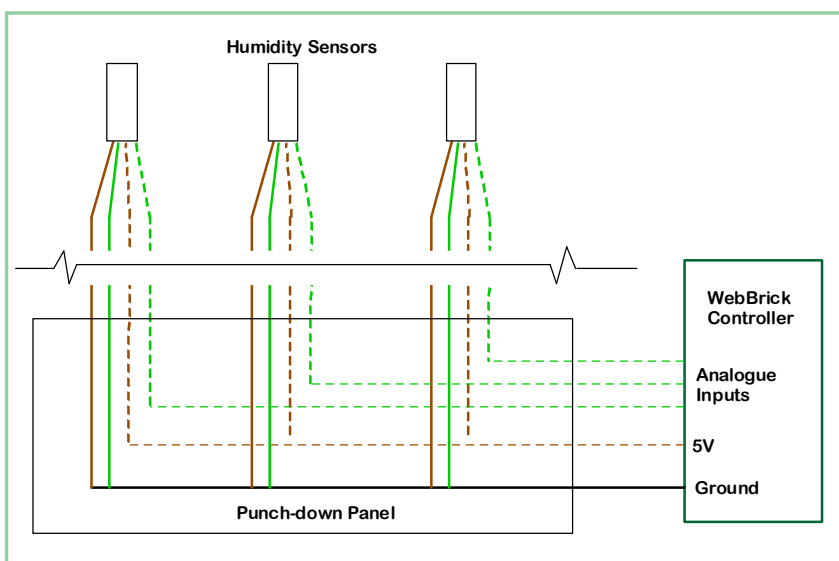


Fig1.

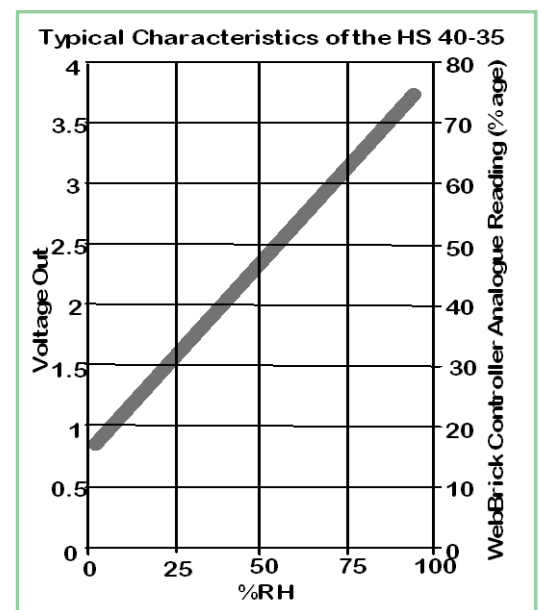


Fig2.