



The wiring of the cup anemometer (shown above) is red to 5V, black to Ground, and blue to pin 32. Calibration necessary, but unsuccessful for us and so not included in final setup of meteorological station but it included in the code so that the user can switch from a set constant 1m/s windspeed to the calibrated value !

When stationary, the output was 0 m/s but when moving, the output was way to high (200+ m/s). It is recommended to either purchase an anemometer with calibration values provided or calibrate it independently with a fan with a set windspeed or next to and comparing to a working anemometer.