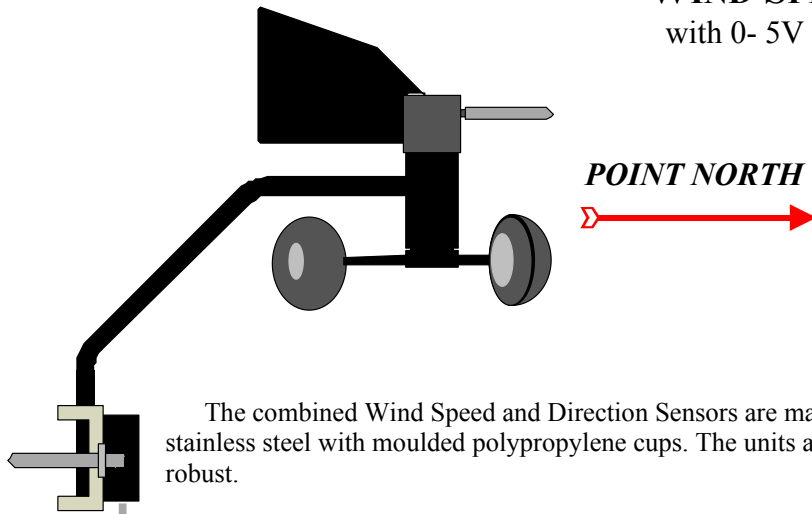


WIND SPEED/DIRECTION SENSOR

with 0- 5V or 10 V outputs (please specify)



The combined Wind Speed and Direction Sensors are manufactured from anodised aluminium alloy, uPVC and stainless steel with moulded polypropylene cups. The units are lightweight (less than 250 grams) yet very robust.

The sensors are designed to be mounted to a mast of between 30 - 50 mm diameter by means of a V-shaped clamp and bracket. This allows simple orientation to North; the only setting up required.

Wind Direction is sensed by a precision conductive potentiometer which combines exceptionally long life with high sensitivity.

Wind Speed is derived from a Hall Effect solid state magnetic switch activated by magnets in the cup rotor running in a pair of 'Oilite' self lubricating bearings for good sensitivity and very long life.

4-core screened cable
25 m supplied as standard
(200m max.)

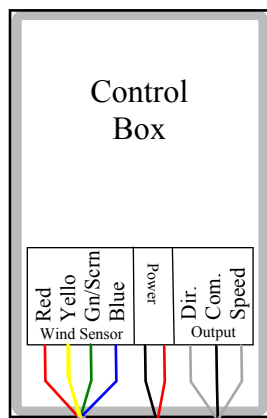
WIND SPEED

Typical accuracy 5% or 1.5 m/s
Resolution better than 0.5 m/s
Threshold <1.5 m/s

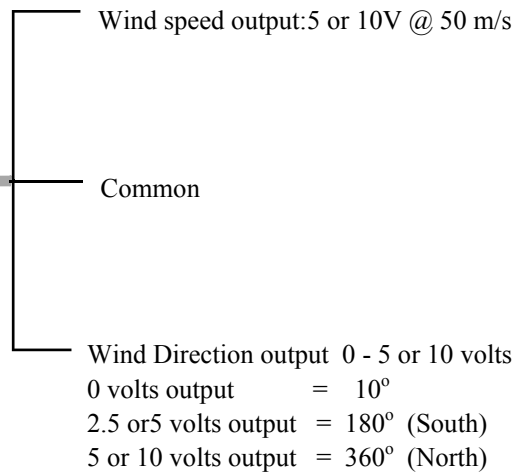
WIND DIRECTION

Accuracy $\pm 5^\circ$ typical ($\pm 10^\circ$ worst case)
Resolution better than 1°
Threshold <1.5 m/s

To Wind Sensor



Supply 12 -24 Volt A.C./ D.C.
@ 10 mA approximately



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