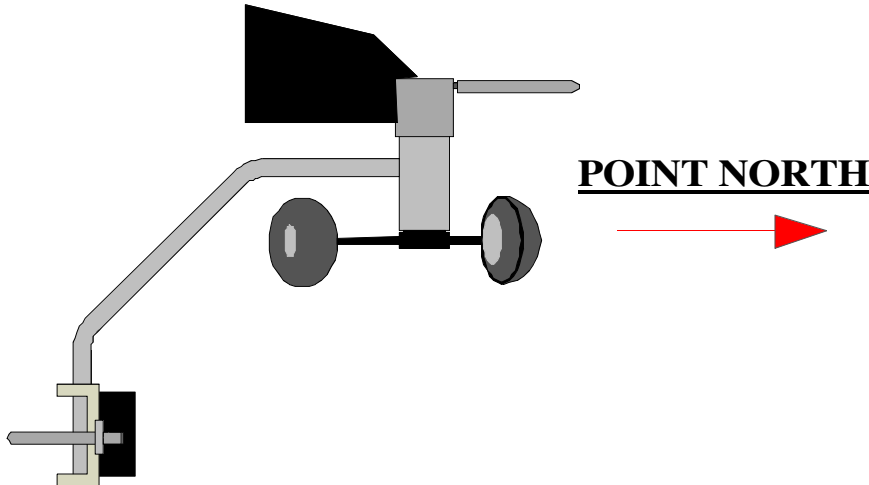


# WIND SENSOR with 0-10V outputs

Part numbers:

357 1000 009 - Basic

357 1000 010 - Pro



## WIND SENSOR

The combined Wind Speed and Direction Sensors are manufactured from anodized aluminium alloy, uPVC and stainless steel with moulded polypropylene cups. The units are lightweight (less than 250 grammes) 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 of the sensor arm to North using the compass provided ; the only setting up required. Wind Direction is sensed by a precision conductive potentiometer which combines exceptionally long life with high sensitivity.

### WIND SPEED

Typical accuracy

5% or 1.5 m/s

Resolution

better than 0.5 m/s

Threshold

<0.5 m/s

### WIND DIRECTION

Accuracy

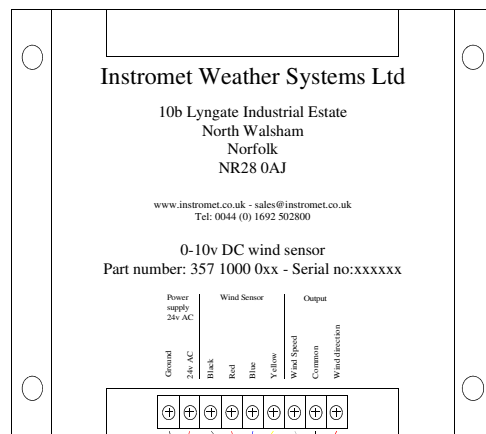
+/- 5 degs. typical (+/- 10 degs. worst case)

Resolution

Generally < 1 deg. ( +/- 10 degs. at North)

Threshold

<0.5 m/s



Supply 24V ac  
50/60 Hz

3 - core screened cable  
2m supplied

To Wind Sensor

4-core cable  
25 m supplied as standard  
(100m max.)

Wind speed output 8.5V @ 90mph

Wind Direction output 0-10V  
0V=10°  
5V=180° South  
10V=360° North

To suitable  
input device

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