

MONITOR SENSORS

AN2 AN3

μSMART Anemometer

The ***μSMART*** anemometer is designed to measure horizontal wind speed. The sensor ***Monibus*** interface allows the user to modify the sensor operation through the built-in sensor menus.

The sensor incorporates a microprocessor to provide accurate, repeatable readings and to allow optional analogue outputs. The robust mechanical design achieves a linear response over the measurement range and ensures a long operational life.

- Mechanical**
- Aluminium body, arms & cups
 - White powder coated
 - Highest quality stainless steel bearings

Specifications

Range: **AN2** 0.1 ... 40 m/s 300 Ø standard range
AN3 0.2 ... 55 m/s 150 Ø high wind range

Accuracy: ± 2% full scale

Operational: 1°C to +60°C 0% to 100%RH

- Output options:**
- ***Monibus*** serial data ASCII format
 - Voltage 0-1, 0-2.5 volts
 - 4-20mA (requires >12Vdc supply)
 - Frequency TTL pulse 2-10 Hz

Power Supply: 6-28 Vdc unregulated

Supply current: 1.2 mA active

Sensor weight: 410 grams

Dimensions: **AN2** 300 Ø rotor

AN3 150 Ø rotor

Overall height – 200 mm x 300 mm Ø

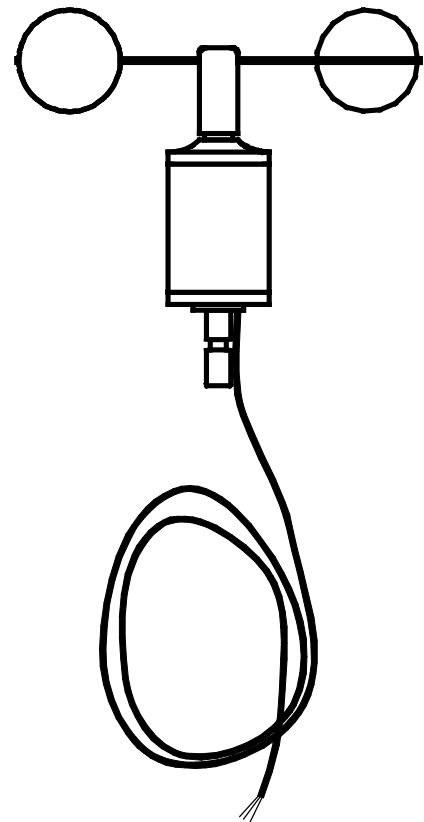
Mounting: 12 mm Ø spigot

dwg no: MSM-06-0038

Cable Details: Standard product has 2100 mm of cable – other cable lengths may be ordered

Warranty: **12 months** – full details can be found in the Monitor Sensors standard warranty document ...

http://www.monitorsensors.com/docs/std_warranty.pdf



Order codes:

AN2	standard sensor	AN3	standard sensor
AN2-V1	0...1 volt output	AN3-V1	0...1 volt output
AN2-V2	0...2.5 volt output	AN3-V2	0...2.5 volt output
AN2-A4	4...20 mA output	AN3-A4	4...20 mA output
AN2-F	10m wind run per pulse	AN3-F	10m wind run per pulse

info@monitorsensors.com
ph: 61-7-5428 5900
fx: 61-7-5495 2276
www.monitorsensors.com

Monitor Sensors
Unit 1
42 Cessna Drive
Caboolture QLD 4500
AUSTRALIA