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 …

**Order codes:**

<table>
<thead>
<tr>
<th>AN2</th>
<th>AN3</th>
</tr>
</thead>
<tbody>
<tr>
<td>standard sensor</td>
<td>standard sensor</td>
</tr>
<tr>
<td>AN2-V1</td>
<td>0…1 volt output</td>
</tr>
<tr>
<td>AN2-V2</td>
<td>0…2.5 volt output</td>
</tr>
<tr>
<td>AN2-A4</td>
<td>4…20 mA output</td>
</tr>
<tr>
<td>AN2-F</td>
<td>10m wind run per pulse</td>
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</tbody>
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