Overview
The 014A, manufactured by Met One, is a three-cup anemometer that monitors wind speed for the range of 0 to 45 m/s with a threshold of 0.45 m/s. You connect the 014A directly to a Campbell Scientific data logger, which measures the anemometer’s pulse signal and converts the signal to engineering units (mph, m/s, knots).

Benefits and Features
- Ideal for applications that do not require wind direction measurements
- Sealed magnetic reed switch
- Designed for continuous, long-term, unattended operation in adverse conditions
- Standard aluminum cup assembly has a distance constant of less than 4.5 m
- For greater sensitivity, an optional LEXAN cup assembly has a distance constant of less than 1.5 m

Detailed Description
The 014A is constructed of corrosion-resistant, stainless-steel and anodized aluminum. It’s three-cup anemometer assembly contains a sealed magnetic reed switch. Rotation of the cupwheel produces a pulse that is directly proportional to wind speed.

Specifications
- Range: 0 to 45 m/s (0 to 100 mph)
- Starting Threshold: 0.45 m/s (1.0 mph)
- Accuracy: 0.11 m/s (0.25 mph) or 1.5%
- Contact Rating: 10 mA (maximum)
- Operating Temperature Range: -50° to +70°C
- Distance Constant: < 1.5 m (5 ft) optional fast response, < 4.5 m (15 ft) standard

For comprehensive details, visit: www.campbellsci.com/014a
<table>
<thead>
<tr>
<th>Cable Description</th>
<th>Description</th>
<th>Height</th>
<th>Sensor Weight</th>
<th>Cable Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick-connect connector with vinyl jacketed, shielded cable</td>
<td>34.8 cm (13.7 in.)</td>
<td>318 g (11 oz)</td>
<td>140 g (5 oz) per 3 m (10 ft) length</td>
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<tr>
<td>Radius</td>
<td>10.4 cm (4.1 in.)</td>
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