

## Wind Direction

IM511CD

IM512CD

05103L

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IM511CD

Vane type wind direction sensor for accurate direction measurement in all weather conditions.

<b>IM511CD Wind Sentry Vane (Wind Direction - Azimuth)</b>	
<b>Range</b>	360° mechanical, 352° electrical (8° open)
<b>Sensor</b>	Balanced vane, 16cm turning radius.
<b>Damping Ratio</b>	0.2
<b>Delay Distance</b>	0.5m (1.6ft)
<b>Threshold</b>	1.3m/s (2.9mph) at 10° displacement 1.9m/s (4.2mph) at 5° displacement
<b>Transducer</b>	Precision conductive plastic potentiometer, 10kOhm +-20% resistance 1.0% linearity, life expectancy 50 million revolutions Rated 1 watt at 40°C, 0 watt at 125°C
<b>Transducer Excitation Requirement</b>	Regulated DC Voltage, 15 VDC max
<b>Output</b>	RS 485
<b>Part.no. IM511CD</b>	Digital wind direction sensor
<b>Part.no. IM513CD</b>	Crossarm for wind speed and wind direction sensor