



Wind Speed

WIND

IM512CD



- IM511CD
- IM512CD
- 05103L
- 85106

Cup type anemometer for low cost and long lasting accurate wind measurements for all type of applications.

IM512CD Wind Sentry Anemometer (Wind Speed)	
Range	0 to 50m/s (112mph), gust survival 60m/s (134mph)
Sensor	12cm diameter cup wheel assembly, 40mm diameter hemispherical cups
Turning Factor	75cm (2.46ft)
Distance Constant (63% recovery)	2.3m (7.5ft)
Threshold	1.1m/s (2.5mph)
Transducer	Stationary Coil, 1300 Ω nominal resistance
Transducer Output	AC sine wave signal induced by rotating magnet on cup wheel shaft. 100mV p-p at 60rpm. 6V p-p at 3600rpm.
Output Frequency	1 cycle per cup wheel revolution. 0.75m/s per Hz.
Part.no. IM512CD	Wind speed sensor