



Ultrasonic Wind Sensor

DS-2



Extremely precise and maintenance-free measurement of wind velocity and wind direction. In contrast to traditional „cups and vanes“ the ultrasonic wind sensor is designed without mechanical parts.

- IM511CD
- IM512CD
- 05103L
- 85106**
- DS-2**

WIND

Sensor	Ultrasonic Wind Sensor DS-2
Wind speed	
Range:	0 to 30 m/s
Resolution:	0.01 m/s
Accuracy:	
0 to 30 m/s	0.30 m/s or < 3%, whichever is larger
30 to 70 m/s	
Wind Direction	
Azimuth Range:	0 to 359 degrees
Resolution:	1 degree
Accuracy:	±3 degrees
Serial output	
Type	
Formats	
Baud Rates	
General	
Output rate:	average speed, gust speed, direction, or vector, 1 Hz
Power Supply:	Excitation Voltage: 3.6 to 15 VDC
Dimensions:	Current: 0.03 mA quiescent, 0.5 mA sampling, < 0.05 mA average
Weight:	100 mm x 75 mm
Operating Temperature Range:	-40 to 50 C