



PVmet™ 500 SERIES

LCJ Capteurs

CV7 Ultrasonic Wind Sensor

Features

- All-weather, durable sensor
- Ultra light weight
- Highly responsive
- Low latency
- Easily integrated
- CE Compliant

About

This ultrasonic sensor has been designed to avoid any mechanical part to ensure the best possible and most reliable operation. The sonic wind-vane/anemometers shows very stable results over the long term and with little-to-no maintenance required. Every LCJ sensor is fully tested before shipping the results are logged against the serial number. The sensor is placed in our wind tunnel on a rotating bracket which rotates by 9 degrees steps. The sensor is aligned in the wind direction and set at 0 degrees and 40 measure points are logged with both angle and speed.

SPECSHEET ULTRASONIC ANEMOMETER

Manufacturer:	LCJ CAPTEURS	Connecting lines:	25 meters cable 4x0,22mm ²
Output data format:	ASCII RS422 ; NMEA0183	Interconnections:	0-12V
update output:	2 per second	NMEA+	
Wind module sensitivity:	0,13m/s	NMEA-	
Wind module resolution:	0,05m/s	Weight of the head:	100 gr
Wind module dynamic:	0,13-41.6 m/s	Mounting type:	Vertical mast
Direction sensitivity:	+/-1,5°	length:	30 cm
Direction resolution:	1°		
Power Supply:	8 to 33 VDC		
Electrical consumption:	9mA		
Operating temperature range without icing:	-15°C/55°C		

Best In Industry
2 Year Warranty
Fully Assembled



RoHS
Compliant