



## WIND MEASUREMENT

ACCURATE UNDER ANY CIRCUMSTANCES

✔ **Compact and complete**

AWS in compact set up with all it takes to measure collect and transmit

✔ **Measurement data**

Available anywhere through Cloud applications or remote servers

✔ **High range with total accuracy**

Stability and high performance over the complete range

✔ **Low power, specially designed for remote locations**

Designed to work on solar power

2-axis Compact Multiparametric



2-axis High Performance



2-axis High Performance for harsh environments



3-axis Multiparametric



Industrial Vane &amp; Cup Anemometer



Technical Specifications	HD52.3D...	HD51.3D4R	HD51.3D4R-AL	HD2003...	MW35/MW36
Speed	✓	✓	✓	✓	✓
Direction	✓	✓	✓	✓	✓
Measuring range up to	60	85	80	70	75
Accuracy	± 0,2 m/s or ± 2%, the greatest (0...35 m/s), ± 3% (> 35 m/s)	± 0.2 m/s or ± 2%, the greatest (0...60 m/s), ± 3% (> 60 m/s)	± 0.2 m/s or ± 2%, the greatest (0...60 m/s), ± 3% (> 60 m/s)	±1% of reading	< 0.5 m/s (from 0 to 50 m/s)
Average wind output	✓	✓	✓	✓	
Wind gust	✓	✓	✓	✓	
Working temperature	-40°C +60°C	-40°C +60°C	-40°C +60°C	-40°C +60°C	-40°C +60°C
Protection Degree	IP66	IP66	IP66	IP64	
Heating	✓	✓	✓	✓	✓
MIL-STD810G Method 509.6 compliant			✓		
Survival speed	90	90	100	90	80
Power supply	10÷30 Vdc	12÷30 Vdc	12÷30 Vdc	12÷30 Vdc	10÷30 Vdc
2 Axes	✓	✓	✓		
3 Axes				✓	
Analog output	✓	✓	✓	✓	✓
NMEA output	✓	✓	✓		✓
RS485 output	✓	✓	✓	✓	✓
RS232 output	✓	✓	✓	✓	✓
SDI-12 Output	✓				
RS422 Output	✓	✓	✓	✓	✓
MODBUS output	✓	✓	✓	✓	
Pulse					✓
Analog inputs 0-1V				✓	
Analog outputs refresh rate	1Hz	1-4Hz	1-4Hz	1-20Hz	
Digital output rate	1Hz	1Hz	1Hz	1-50Hz	
Internal compass	✓			✓	
Designed to work on solar power	✓	✓	✓	✓	✓
Additional environmental parameters	T/RH/Patm/Solar radiation	Pressure	Pressure	T/RH/Patm	

Some specifications are depending on optional features and may only apply to specific codes of the instrument



We look forward to your enquiry:  
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The qualitative level of our instruments is the result of a continuous evolving of the product itself. We reserve the right to perform modifications and corrections at any time without notice.

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