

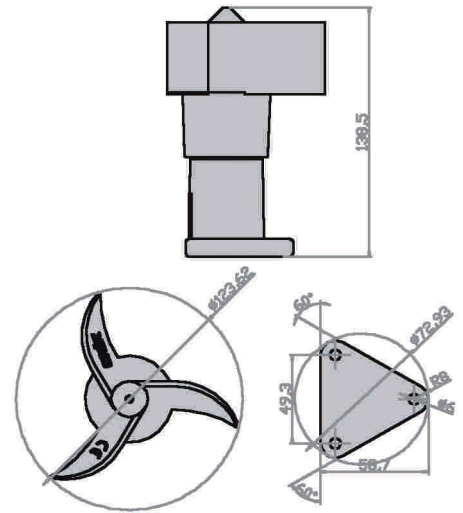
INTRODUCTION

Heavy-duty wind sensor featuring superior mechanical resistance and great flexibility and a quality capable of competing with and even surpassing that of the best plastic and metal sensors on the market.

Heated sensor designed for working under extreme cold weather conditions (under -25°C with ice and snow)

The device is supplied with cable, flanges and magnets fixation to minimize time installation.

The bearings are made of stainless steel and lubricated with instrument oil.

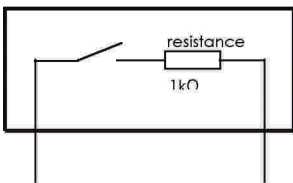


APPLICATIONS

Anemo4H25 has been designed for any system in which you need to know wind speed in extreme conditions (below 25°C) with ice and snow included, such as construction cranes, wind turbines, etc...

The device is ready to be connected to a display (see our WM44 display range) for the workers or the system operate depending the wind speed.

OPERATION



inputs / outputs

Supports wind speeds up to 200 km/h. The output is a voltage-free contact with a series resistance which opens and closes at a frequency that is directly proportional to the wind speed (see graph).

As an option, it can be manufactured with a Hall cell.

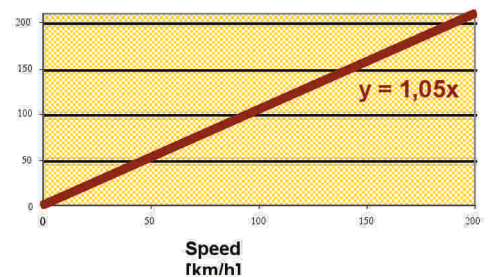
Wind speed ratio – output

The ratio is the result of multiplying wind speed in km/h times 1.05 to obtain the output in Hertz (pulses per second).

With a wind speed of 0 km/h the output is 0 Hz

With a wind speed of 100 km/h the output is 105 Hz.

Frequency [Hz]



TECHNICAL CHARACTERISTICS

Power supply	12Vdc	IP level	IP65
Maximum intens.	2,8A	Storage temp.	-40°C / +100°C
Range	2-200Km/h	Working temp with ice	-25°C/+80°C
Accuracy	+ - 2%	Weight	154gr
Repeatability	0,5%	Weight with 20 m cable	1,265gr
Linearity	+ - 2%.		



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