Anemo4403 4-20 mA

Wind speed sensor. Two-wires 4-20mA analog output.

INTRODUCTION

Robust and high durability under extreme conditions.

Analog output : Two-wires 4-20mA.

Up to180km/h.

Power supply : 12 to 30 Vdc.

Easy to connect. 20 meter cable included.

High quality stainless steel bearings.
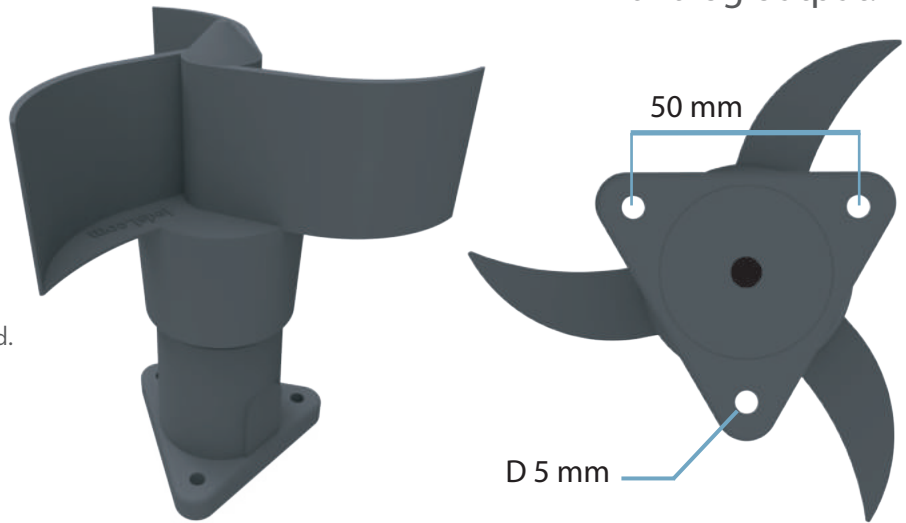
Maintenance free.

50 mm

D 5 mm

FEATURES

Robust wind speed sensor, extremely resistant and flexible. Probably one of the best wind sensors in the market. Suitable for many different applications. 20 meter cable inlcuded, plug & play. Stainless steel bearings and high quality technical plastic body and cups.
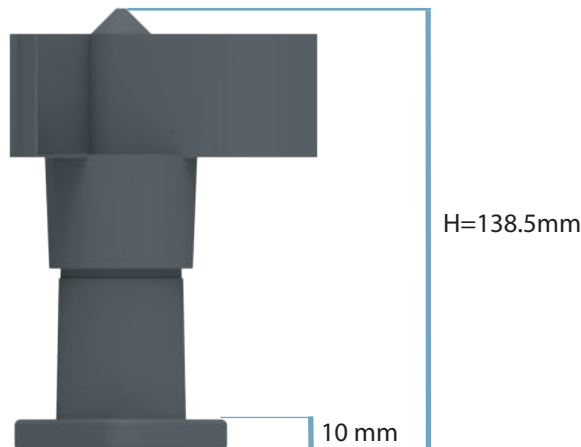
APPLICATIONS

Anemo4403 4-20mA has been designed for home and industrial applications where connection distance requires robust comunication: cranes, buildings, PV panels, wind turbines, weather stations, green houses...

Anemo4403 is usually connected to devices such as tachometers   (see our ref. V12 , V201, BS100/X 4-20mA, WM44P AI), PLCs and dataloggers.
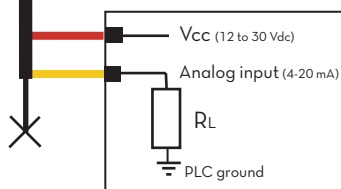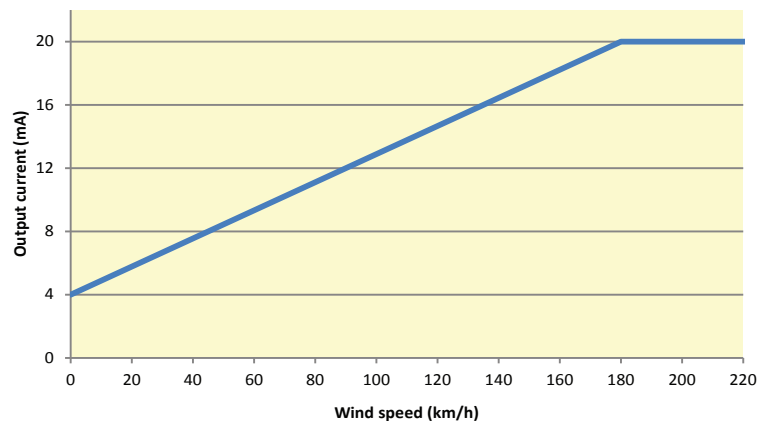
CONNECTION

H=138.5mm

10 mm

Pinout description:

Red - Power supply.

Yellow - Analog output.

Black - No connect.

Connection to PLC:

Vcc (12 to 30 Vdc)

Analog input (4-20 mA)

R_L

PLC ground

WIND SPEED OUTPUT

Output signal is proportional to wind speed.

4 mA = 0 km/h   ->   20 mA = 180 km/h (see graphic).

TECHNICAL CHARACTERISTICS

Power Supply	12 to 30Vdc	Connectable load impedance	$R_L < \dfrac{V_{CC}-8V}{0.02A}[\cdot]$
Power consumption	<2,5W	Storage temp.	-35°C... +80°C
Starting speed	8 km/h	Operating temp. (ice free)	-20°C... +70°C
Measure range	3...180 km/h	Weight	155 g approx.
Accuracy	<3%	Analog output	Two-wires 4 -20 mA

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