Windmeter

NAME	**WindMeter**	
PRODUCT	**Digital wind gauge**	
REFERENCE STANDARD	IEC 61400-12-1, MEASNET*	
Output	Serial interface RS485	
	* on demand	
Measured values	Wind speed	0 ÷ 50 m/s (0 ÷ 180 km/h)
	Internal temperature	-30 ÷ +85 °C
Calibration	According to IEC 61400-12-1 Optional: MEASNET	

Output	Maximun and everage istantaneous wind speed
	
	                1 min
	                2 min
	                5 min
	Serial interface RS485 half-duplex Modbus RTU
	Up to 128 devices on the same line
	Selectable termination
	Galvanically isolated from power
	Protected against overvoltage and short-circuited	

Accuracy	Wind speed	± 3% (Measnet calibrated) Correlation > 0,99995 St.Err 0,022m/s
	Internal temperature	± 3°C (-30 ÷ +85 °C)
Power supply	5 ÷ 40 Vdc / 9 ÷ 28 Vac Protected against reverse polarity and overvoltage Power consumption < 500mW (except heater)	
Protection	IP65 Electronic circuit sealed	
Case	Aluminium with 3 screws for direct mounting on poles up to Ø 35mm	
Cable	L= 3 m 4 conductor	
Connector	Optional	
Dimensions	30h x 15 Ø cm	
Options	Heater anti 'icing' thermoregulated	

To achieve optimum measurement during installation please refer to the Annex G of the standard IEC61400-12-1 on the anemometers.