

KET-WNM-100

Anemometer with digital output MODBUS RS485



- Measurement of wind speed average and max
- High weather resistance
- Easy to install facilities
- Calibrated one by one, to ensure greater accuracy

KET-WNM-100 is a digital anemometer, wind turbines suitable for monitoring and control of wind speed in ski lifts, highways, alpine paths, etc.

Created to improve the reliability of the measurements compared to anemometers cups analog. The sensor is designed mechanically to provide a plug and play even mechanical. The use of the digital output 485 follows the technological development has already happened in other fields, and it simplifies the wiring stations that require reading more tools, offering the ability to create a single chain (bus), which includes the data from different sensors.

Expected the anti-icing. Windmeter is available with 4-pin M8 connector, which allows not only greater speed of installation and maintenance, but also the possibility of a plug and play multiple probes for easier maintenance controls.

Compatible with Ammonit data logger Meteo-40 (RS485 bus). Available version calibrated calibration center MeasNet.

TECHNICAL SPECIFICATIONS

STANDARD REFERENCES	IEC 61400-12-1, MEASNET (if required)
MEASURED VALUES	
Wind speed	0 ÷ 50 m/s (0 ÷ 180 km/h)
Calibration	According to IEC 61400-12-1
Output	Max and average wind speed: Instant 1 min - 2 min - 5 min Serial interface RS485 half duplex Modbus RTU - Selectable Termination - Galvanically isolated from Power - Protected against short circuit and overvoltage
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 for reverse polarity and overvoltage - Consumption < 500mW (excluding heating)
Protection Range	IP65
Electronic circuit	tropicalized
Mounting	Aluminum body with 3 screws for direct mounting on poles up to Ø 35mm
Cable	L = 3 m with 4 conductors
Connectors	optional
Dimensions	30h x 15 Ø cm
Heater options	anti 'icing' thermoregulated

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