PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

24513 COMBINED NAVAL WIND SENSOR

Robust mechanics meet modern electronics

The wind sensor 24513-NMEA is perfect for ships and oil platforms. Made from seawater-resistant, anodized aluminum alloys, it offers excellent corrosion protection and is shock and vibration resistant. With a waterproof connector and optional heating, it operates in temperatures from -35 to +70 °C. Wind values are output every second in NMEA protocol—ideal for precise measurements under extreme conditions!

- Seawater-resistant housing, durable design
- NMEA 0183 protocol
- Low starting values, high measuring accuracy

APPLICATIONS

- Marine meteorology
- Coastal surveillance
- Off shore wind power plants
- Drilling platforms
- Buoys

Professional Line	24513
Id-No.	00.24513.205010
Meas. range wind direction	0...360°
Meas. range wind speed	0.4...60 m/s
Accuracy wind direction	± 2.5°
Accuracy wind speed	± 2 % FS
Resolution wind direction	< 1°
Resolution wind speed	0.1 m/s

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Professional Line	24513
Starting value	Wind direction: 0.8 m/s related to a deflection of the wind vane of 90° Wind speed: ≤ 0.4 m/s
Protocols	NMEA 0183; WIMWV
Interface	Serial RS 485/ Talker baud rate 4800; 1 Hz (at measuring cycle 4 Hz); 8 N 1
Range of application	Temperature: -35...+70 °C heated; wind speed: 0...60 m/s
Supply voltage	24 VDC/ 50 mA; heating 24 VDC/ 1.5 A/ max. 35 VA; electronically controlled
Measuring elements	Wind direction: wedge-shaped wind vane; wind speed: 3-armed cup rotor
Dimensions	Cup rotor Ø 280 mm; H 520 mm; for mounting pipe Ø 50 mm
Housing	Seawater resistant aluminium
Weight	2.7 kg
Options (order separately)	Data logger met[LOG]; METEO-LCD/NAV display unit
Accessories (order separately)	32.16420.066100 Sensor cable, 10 m; 12-pole bayonet plug

As of: 14.03.2025