

24513 COMBINED NAVAL WIND SENSOR



Modern electronics

paired with robust mechanics. Mechanical abrasion is reduced to a minimum. The measured wind values are serially supplied at every second as a NMEA protocol. Under extreme weather conditions at sea, as well as on land, this top sensor is the first choice!

- Seawater resistant housing
- IP 65
- Low starting values
- high measuring accuracy and linearity across the whole measuring range
- NMEA 0183
- High quality and durable construction

APPLICATIONS

- Professional marine meteorology
- Coastal surveillance
- Off shore wind power plants
- Drilling platforms
- Buoys
- Aggressive environmental conditions

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	temperatures -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 • electr. 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] • Visualisation and evaluation software MeteoWare-CS3 • Display unit METEO-LCD/NAV
Accessories (order separately)	32.16420.066100 Sensorkabel, 10 m • 12-pole bayonet plug

As of: 30.11.2023