



COMBINED NAVAL WIND SENSOR

Wind direction and wind speed

Modern electronic...

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 over the entire measuring range
- NMEA 0183
- high-quality and durable construction

professional marine meteorology • coastal surveillance • offshore wind power plants • drilling platforms • buoys • aggressive environmental conditions



Professional Naval Line (24513-NMEA) Combined Naval Wind Sensor Id-No. 00.24513.205 010

	Wind direction	Wind speed
Measuring element:	wedge-shaped wind vane	3-armed cup rotor
Measuring range:	0...360°	0.4...60 m/s
Accuracy:	± 2.5°	± 2 % FS
Resolution:	< 1°	0.1 m/s
Starting value:	< 0.8 m/s related to a deflection of the wind vane of 90°	≤ 0.4 m/s
Range of application:	temperatures -35...+70 °C heated • wind speed 0...60 m/s	
Protocol:	NMEA 0183 • WIMWV	
Interface:	Serial RS 485/ Talker Baudrate 4800 · 1 Hz (at measuring cycle 4 Hz) · 8 N1	
Supply voltage:	24 VDC/ 50 mA · heating 24 VDC/ 1.5 A/ max. 35 VA • electr. controlled	
Housing:	seawater resistant aluminium	
Dimensions/ Weight:	cup rotor Ø 280 mm · H 520 mm · for mounting pipe Ø 50 mm · 2.7 kg	
Accessory:	Sensor cable · 10 m (other lengths possible) · with 12-pole bayonet plug	
Options:	Visualisation and evaluation software MeteoWare-CS3	
	Data logger met[LOG]	
	Display unit METEO-LCD/NAV	