

COMBINED NAVAL WIND SENSOR

Wind direction and Wind speed



Loyal at sea...

the robust, shock- and vibration-resistant sensor delivers wind data without compromise. This top quality sensor is first class in extreme weather conditions at sea as well as ashore!

- seawater-resistant with three coats of paint
- glass fiber wedge-shaped wind vane warrants minimal radar signature
- low starting values
- high measuring accuracy and linearity across the whole measuring range
- plug-in connector acc. to MIL standard
- meets VG- and IMO-standards and the requirements of the German Lloyd
- NATO-Supply number

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

Professional Naval-Line (14513 HG4N18) Combined Naval Wind Sensor Id-No. 00.14513.263 400

	Wind direction	Wind speed
Measuring element:	wedge-shaped wind vane with precision ring potentiometer	3-armed cup rotor with DC measuring generator
Measuring range:	0...360°	1...120 kn (60 m/s)
Accuracy:	± 1%	± 2% FS
Resolution:	1°	0.1 m/s
Starting value:	0.8 m/s	0.8 m/s
Range of application:	temperatures -35..+70°C heated • wind speed 0...60 m/s	
Output:	4 mA at 120 kn • R _a = 6656 Ω/ 5.2 mA at 120 kn • R _a = 5024 Ω	
Supply voltage:	heating 24 V _{DC} / 1.25 A/ 30 VA • electr. controlled	
Housing:	aluminium • RAL 7000 (grey) • other colors on request	
Dimensions/ Weight:	cup rotor Ø 280 mm • H 520 mm • for mounting pipe Ø 50 mm • 2.7 kg	
Included in delivery:	1 plug • 10-pole • MIL-standard • when a cable is ordered, the plug is mounted to that	
Accessories:	Indicator units e. g. (1476 Q144SBN18) • (1477 Q144SB) • (14763 Q144SBN18) see page 88. • Power supply units see page 103.	
	(14513 U66d) Cable • 4 m • with 10-pole plug • MIL-standard • ready-made	

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