COMBINED NAVAL WIND SENSOR

Wind direction and wind speed

Storm tested and waterproof...

is this constructive masterpiece! Daily exposed to extreme conditions, the sensor feels at home on the seven seas.
Ashore the sensor equally proved to be a durable measuring instrument.
Spraying water traps against splash water and the electric shaft-heating provide for optimal employment and measuring conditions.

- compact, extremely robust and massive all-metal construction
- seawater resistant with three coats of paint
- 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

The training ship **„Gorch Fock“** trusts LAMBRECHT's (1455)! • professional marine meteorology • coastal surveillance • offshore wind power plants • drilling platforms • buoys • aggressive environmental conditions

Professional Naval-Line	**(1455 HGN18) Combined Naval Wind Sensor**	**Id-No. 00.14550.120 400**
	Wind direction	**Wind speed**
Measuring elements:	wedge-shaped wind vane with precision ring potentiometer	3-armed cup rotor with precision DC-measuring generator
Measuring range:	0...360°	1...120 kn (60 m/s)
Accuracy/ Resolution:	± 1 % • 0.1°	± 2 % FS • 0.1 m/s
Starting value:	0.6 m/s	0.6 m/s
Range of application:	temperatures -35..+70 °C heated • wind speed 0...60 m/s	
Output:	5.2 mA at 120 kn • R_a = 4255 Ω	
Supply voltage:	heating 24 V_{DC}/ 35 VA • bimetal controlled	
Housing:	brass · IP 53 · RAL 7000 (grey) · other colours on request · measuring elements made of aluminium · anodized	
Dimensions/ Weight:	cup rotor Ø 320 mm · H 460 mm · for mounting pipe Ø 75 mm · approx. 4 kg	
Included in delivery:	1 plug · 10-pole · MIL-standard · when a cable is ordered, the plug is mounted to that	
Accessories:		
32.14550.065 040	**(1455 U65d)**	**Cable** · 4 m · with 10-pole plug · MIL-standard · ready-made
		Indicators e. g. (1476 Q144SBN18)
		Power supply unit

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