

STATIC NAVAL WIND SENSOR “QUATRO”

Wind direction and Wind speed plus...



Close hauled...

and specialized for offshore operation is the wind sensor QUATRO-NAV. The compact, space saving construction of the housing, the special anodized coating as well as the protective paint finish make it extremely resistant to seawater as well as durable and reliable.

- very high wind velocities up to 85 m/s measurable!
- very easy to maintain
- no moving parts
- varieties with or without heating
- varieties with extra sensors for rel. humidity, air pressure and air temperature

extreme, aggressive environmental conditions • professional marine meteorology • coastal surveillance • offshore wind power plants • drilling platforms • weather services • environmental authorities • industrial plants and ports • mobile weather stations • special purpose vehicles, e.g. in civil protection

Professional Naval-Line	(1642) Static Naval Wind Sensor QUATRO-NAV H	Id-No. 00.16420.110 002
Measuring principle:	thermal	
Parameters:	Measuring range: 0...360° 0.1...85 m/s	Accuracy: ± 3° ± 0.5 m/s ± 5% of meas. value
Wind direction:		Resolution: 1°
Wind speed:		0.1 m/s
Range of application:	temperatures -40...+70°C heated • wind speed 0...100 m/s	
Message string:	WIMWV • NMEA 0183	
Interface:	serial • RS 422 • baud rate 4800 • 1 Hz • measuring cycle 10 Hz	
Supply voltage:	18...32 V _{DC} / 15 W • heating 24 V _{DC} / 70 W • electr. controlled	
Housing:	aluminium • special-anodized • protective lacquer • RAL 9007 (white-aluminium) • IP 66	
Dimensions/ Weight:	H 305 mm • Ø 105 mm • mast adapter Ø 50 mm for inst. at assembly mast • 1.5 kg	
Varieties:	Sensors with additional parameters on request.	
00.16420.100 002	(1642) QUATRO-NAV without heating • operating temperature -30...+70°C • no icing	
Accessories:	Indicator units e. g. (14742) Meteo-LCD-NAV see page 89. • Data logger e. g. (95664) SYNMET-NAV see page 94 ff. • Masts and Power supply units see chapter „Periphery“ page 99 ff.	
32.16420.060 100	(1642 U60) Cable • 10 m • with 12-pole plug • ready-made	

