



WIND SENSOR "ARCO-NAV"

Wind direction and wind speed

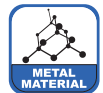
The classical combined sensor...

for off-shore applications. The robust design made from seawater-resistant materials and additional special coating guarantees high reliability and error-free long time use. The measured wind values will be given as NMEA-protocol serially every second. Both under extreme weather conditions and on the high seas and applications close to the sea this sensor is the first choice.

- ▶ approved combined sensor design for universal use
- ▶ special coating for error-free long time use
- ▶ best material quality and precision for low start-up values and wide measuring range
- ▶ wear-free data collection for high accuracy and resolution of the measuring values
- ▶ serial interface with NMEA 0183 protocol

professional naval meteorology

- ship meteorology • coastal surveillance • cranes • buoys
- off-shore wind energy plants • other off-shore applications and robust industry applications



Professional Line	Wind Sensor ARCO-NAV	Id.-No. 00.14581.110010
Meas. range wind direction:	0...360°	
Meas. range wind speed:	0.3...75 m/s	
Accuracy wind direction:	± 1°	
Accuracy wind speed:	± 2 % FS at 0.3...50 m/s	
Resolution wind direction:	1°	
Resolution wind speed:	< 0.1 m/s	
Range of application:	temperature -30...+70 °C heated wind speed 0...80 m/s 0...100 % r. h.	
Wind sensors with heating:	2 x 9 W	
Output:	serial RS 422, NMEA 0183 - Talker	
Supply voltage sensor:	(10...28 V DC) , 24 V DC 50 mA (at 24 V DC)	
Supply voltage heating:	(20...28 V DC), 24 V DC, 800 mA	
Housing:	made of anodized seawater resistant aluminium, stainless steel · white coated	