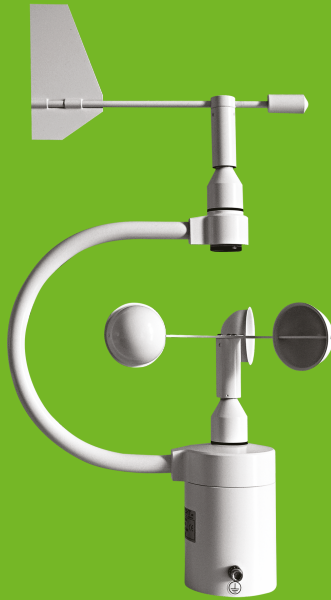


ARCO-NAV WIND SENSOR



Combined sensor for offshore applications

The classical combined sensor for offshore applications. The robust design made from seawaterresistant 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 minute. 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

APPLICATIONS

- Professional maritime meteorology
- Ship meteorology
- Coastal surveillance
- Crane systems
- Buoys
- Offshore wind turbines
- Robust industrial applications

Professional Line	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
Output	Serial RS 422; NMEA 0183 - Talker
Range of application	Temperature: -30...+70 °C; wind speed: 0...80 m/s; rel. humidity: 0...100 % r. h.
Supply voltage	Sensor: (10...28 V DC), 24 V DC, 50 mA (at V DC); heating: (20...28 V DC), 24 V DC, 800 mA
Housing	Seawater-resistant aluminum; white coated
Accessories (order separately)	32.14581.060000: Sensor cable, 10 m, 5 pole

As of: 14.03.2025