PRODUCT OVERVIEW

ARCO-SERIAL Wind sensor

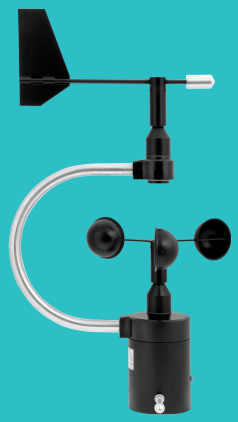
POSSIBLE APPLICATIONS

· Robust industrial applications

The robust combination sensor

The sensors in the ARCO series are characterized by their robustness, compactness, and exceptional reliability. Thanks to their shock- and vibration-tested design, these sensors are particularly well suited for use in extreme environmental conditions. The housing and measuring elements are made of seawater-resistant aluminum. The cup rotor, wind vane, and housing are anodized. They can also be implemented with Modbus or customized protocols!

· High-quality yet cost-effective solution
· Reliable wind measurements even under extreme weather conditions
· Seawater-resistant materials and special surfaces for long-term use
· Quick and easy mast mounting



PRODUCT OVERVIEW

ARCO-SERIAL Wind sensor

Professional Line	ARCO SERIAL
Ident-No.	00.14581.010010
Measuring range wind direction	0...360°
Measuring range wind speed	0.3...75 m/s
Wind direction accuracy	± 1°
Wind speed accuracy	± 2% FS at 0.3...50 m/s
Wind direction resolution	1°
Wind speed resolution	< 0.1 m/s
Output	Serial RS-422; NMEA 0183 - Talker
Areas of application	Temperature -30...+70 °C heated; wind speed 0...80 m/s; 0...100 % RH.
Supply voltage	Sensor: (10...28 VDC), 24 VDC, 20 mA (at 24 VDC); Heating: (20...28 VDC), 24 VDC, 800 mA
Housing	Seawater-resistant aluminum; stainless steel
Accessories (order separately)	32.14581.060000: Sensor cable, 10 m, 5-pin

As of November 15, 2026