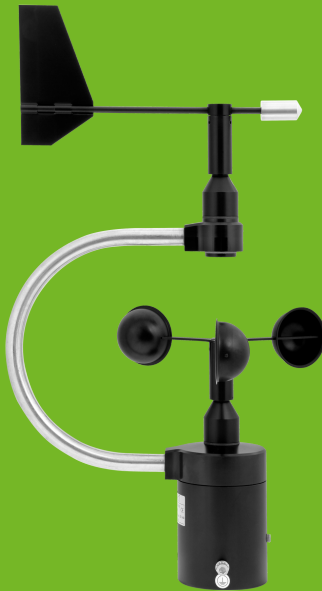


ARCO-SERIAL WIND SENSOR



The robust combined 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. Additionally, they can be implemented with Modbus or customized protocols!

- Qualitatively ambitious and cost-effective solution
- Reliable wind measurement, including under extreme weather conditions
- Seawater resistant materials and surface finishes for long-life application, including under harsh conditions
- Quick and easy pipe mounting, connection with just one cable

APPLICATIONS

- Robust industry applications

Professional Line	ARCO-SERIAL
Id-No.	00.14581.010010
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; 0...100 % r. h.
Supply voltage	Sensor: (10...28 V DC), 24 V DC, 20 mA (at V DC); heating: (20...28 V DC), 24 V DC, 800 mA
Housing	Seawater-resistant aluminum; stainless steel
Accessories (order separately)	32.14581.060000: Sensor cable, 10 m, 5 pole

As of: 04.03.2025