

ORA Wind direction sensor



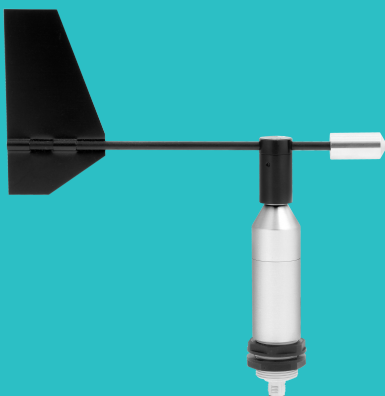
POSSIBLE APPLICATIONS

- Wind turbines
- Professional weather stations
- Agricultural economy
- Solar-powered applications

Robust and with replaceable measuring element

The ORA wind direction sensor is characterized by its high precision and robustness. With its low power consumption of less than 2 mA, it is ideal for solar-powered applications. The sensor is made entirely of seawater-resistant aluminum, and the wind vane can be easily replaced on site if necessary. The ORA also offers IP65 protection in a vertical position.

- Low power consumption
- All-metal housing made of seawater-resistant aluminum
- Wind vane made of seawater-resistant aluminum, replaceable on site
- Protection class IP65 in vertical operating position



PRODUCT OVERVIEW

ORA Wind direction sensor

Professional Line	ORA
Ident-No.	00.14594.120000
Measuring ranges	0...360°
Accuracy	< ± 2°
Resolution	1°
Start-up value	0.4 m/s
Output	0...2.5 V = 0...360°
Survival speed	80 m/s
Supply voltage	4...15 VDC
Power consumption	< 2 mA (low power)
Measuring principle	Magnetic positioning encor system (MPES)
Dimensions	Wind vane L 230 mm; H 256 mm
Housing	Seawater-resistant aluminum; IP65; for mounting holes Ø 30 mm with a maximum material thickness of 10 mm; includes connector
Weight	Approx. 0.95 kg
Standards and norms	VDI 3786, Sheet 2; WMO No. 8
Accessories (order separately)	ID 32.14627.010000 Wind crossbar; sensor spacing: 75 cm ID 32.14567.006000 Mast adapter; diameter: 50 mm ID 32.14567.060000 Sensor cable with plug connection, length: 12 m

As of May 27, 2026