PRODUCT OVERVIEW

INDUSTRY Wind direction sensor

POSSIBLE APPLICATIONS

- Industrial applications
- Wind turbines
- Building technology
- Wind warning systems
- Environmental measurement technology

For every application: reliable, precise, proven

The INDUSTRY wind direction sensor is a cost-effective purchase and has proven itself over many years in numerous applications worldwide. The sensor impresses with its high accuracy, uncomplicated mounting principle, and seawater-resistant and extremely robust materials. Thanks to the thermal decoupling of the housing shaft, optimal heating of the sensor head is achieved while minimizing the energy requirements of the system.

- Precision, experience, and future-proofing
- Wide measurement and temperature ranges, year-round
- Simplest mast mounting
- Excellent start-up values thanks to magnetic, contactless measuring principle
- Optimal heating concept

PRODUCT OVERVIEW

INDUSTRY Wind direction sensor

Professional Line	INDUSTRY
Ident-No.	00.14567.110040 Wind direction 4...20 mA output
Measuring ranges	0...360°
Accuracy	± 2°
Resolution	2°
Start-up value	< 0.7 m/s
Output	4...20 mA 0...20 mA and 0...10 V on request Max. load 600 Ω
Areas of application	Temperatures -30...+70 °C heated; wind speeds 0...60 m/s
Supply voltage	24 (20...28) VDC; max. 800 mA; electronically controlled heating; 18 W
Measuring elements	Plastic; wind vane; dimensionally stable
Measuring principle	Hall sensor array
Dimensions	Wind vane L 232 mm; H 327 mm
Housing	Anodized aluminum; IP55; Ø 32 mm; mounting hole Ø 30 mm for crossbar mounting
Weight	Approx. 0.35 kg
Accessories (order separately)	32.14567.060000 Sensor cable with plug connection; Length: 12 m 32.14627.010000 Crossbar; Sensor spacing: 75 cm 32.14567.006000 Mast adapter; Diameter: 50 mm 32.14565.019000 Lightning protection rod

As of November 15, 2026