PRODUCT OVERVIEW

INDUSTRY Wind speed sensor

POSSIBLE APPLICATIONS

- Industry
- Wind turbines
- Building technology
- Wind warning systems

Proven technology - economical and efficient

This high-precision wind speed sensor impresses with its economical purchase price and robust design. It is made of seawater-resistant materials and can be easily mounted on a mast. Thanks to the thermal decoupling of the housing shaft, the sensor head is optimally heated, which minimizes energy consumption. With a wide measuring and temperature range, the sensor can be used all year round.

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

PRODUCT OVERVIEW

INDUSTRY Wind speed sensor

Professional Line	INDUSTRY
Ident-No.	00.14577.110040 Wind speed 4...20 mA output
Measuring ranges	0.7...50 m/s
Accuracy	< ± 2% FS
Resolution	< 0.02 m/s
Start-up value	< 0.7 m/s
Output	4...20 mA = 0...50 m/s 0...20 mA and 0-10 V on request Max. load 600 Ω
Areas of application	Temperature -30...+70 °C heated; wind speed 0...60 m/s
Supply voltage	24 (20...28) VDC; max. 800 mA; electronically controlled heating; 18 W
Measuring elements	Plastic; 3-arm cup rotor; shatterproof
Measuring principle	Hall sensor array
Dimensions	Cup rotor Ø 95 mm; H 230 mm
Housing	Anodized aluminum; IP55; Ø 32 mm; mounting hole Ø 30 mm for crossbar mounting
Weight	Approx. 0.25 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 October 14, 2026