

INDUSTRY Wind Speed Sensor



APPLICATIONS

- Industry
- Wind turbines
- Building services
- Wind warning systems

Proven technology – economical and efficient

This high-precision wind speed sensor impresses with its economical acquisition and robust construction. It is made from seawater-resistant materials and allows for easy mast installation. Thanks to the thermal decoupling of the housing shaft, the sensor head is optimally heated, minimizing energy consumption. With a wide measurement and temperature range, the sensor can be used year-round.

- Precision, tradition and future reliability
- Large operative measuring and temperature range
- Simplest mast mounting
- Very good starting values through magnetic, contactless measuring principle
- Optimal heating concept



PRODUCT OVERVIEW

INDUSTRY Wind Speed Sensor

Professional Line	INDUSTRY
Id-No.	00.14577.110040 Wind speed 4...20 mA output
Measuring range	0.7...50 m/s
Accuracy	± 2 % FS
Resolution	0.02 m/s
Starting 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
Range 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 armed cup rotor; fail safe
Measuring principle	Hall Sensor Array
Dimensions	Cup rotor Ø 95 mm; H 230 mm
Housing	Anodized aluminum; IP 55; Ø 32 mm; bore Ø 30 mm for mounting at traverse
Weight	Approx. 0.25 kg
Accessories (order separately)	32.14567.060000 Sensor cable with plug connection; length: 12 m 32.14627.010000 Traverse; sensor distance: 75 cm 32.14567.006000 Mast adapter; diameter: 50 mm 32.14565.019000 Lightning rod

As of: 06.01.2026