

INDUSTRY WIND SPEED SENSOR



Proven in a wide range of applications

Of a special nature and a very economical purchase is this wind speed sensor. Furthermore, the sensor impresses with high accuracy, the simplest mounting methods and ultimately robust, seawater resistant materials. The optimal heating of the sensor head and the minimum power demand of the system are made possible by thermal decoupling of the housing shaft.

- 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

APPLICATIONS

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

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	wind speed: cup rotor Ø 95 mm - H 230 mm
Housing	aluminium anodised; 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 12 m

As of: 10.05.2023