

BASIC WIND SPEED SENSOR



Small but impressive

and a particularly economical purchase are the sensors of the BASIC series. The slender, flow-optimised external geometry ensures certain and precise measurement. For optimum resilience and safe long-term use we rely on robust materials, such as the anodised aluminium housing. Additionally the compact sensors, with their simple mounting principles, provide a high degree of flexibility.

- wearfree data acquisition
- robust housing
- dimensionally stable blade wind vane
- fail-safe cup
- double precision bearing

APPLICATIONS

- building services
- environmental measurements
- wind power plants
- stadiums
- industrial meteorology
- solar plants
- controlling of jalousies

Professional Line	BASIC
Id-No.	00.14574.000000
Measuring range	0.7...50 m/s
Accuracy	wind speed: $\pm 2\%$ FS
Resolution	wind speed: 0.26 m/s
Starting value	0.7 m/s
Output	0...192 Hz
Range of application	-30...+70 °C • under non-icing environmental conditions
Strongest wind impact velocity	60 m/s
Supply voltage	24 VDC (4.7...28 VDC)
Current consumption	max. 8 mA • < 4 at 5 V
Measuring elements	3 armed cup rotor - fail safe
Measuring principle	magnetic
Dimensions	cup rotor \varnothing 95 mm - H 180 mm
Housing	seawater resistant aluminium • anodised • IP53 • for bores with \varnothing 30 mm at max. 10 mm material thickness • incl. 5 m fixed cable
Weight	approx. 0.90 kg
Accessories (order separately)	32.14567.006 000 (14567 U6) Mast adapter \varnothing 50 mm • 32.14567.010 000 (14567 U10) Traverse • Data logger e.g. TROPOS or SYNMET • Traverses/ masts and power supply units see

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