

## BASIC WIND DIRECTION 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 rotor
- double precision bearing

### APPLICATIONS

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

Professional Line	BASIC Wind direction sensor
Id-No.	00.14564.000000
Measuring range	0...360°
Accuracy	± 5°
Resolution	3°
Starting value	0.7 m/s
Output	0...5 V
Range of application	-30...+70 °C • under non-icing environmental conditions
Strongest wind impact velocity	60 m/s
Supply voltage	24 VDC (6...28 VDC)
Current consumption	15 mA at 12 V • 18 mA at 28 V
Measuring elements	plastic • wind vane - dimensionally stable
Measuring principle	magnetic
Dimensions	wind vane L 232 mm - H 260 mm
Housing	seawater resistant aluminium • anodised • IP53 • for bores with Ø 30 mm at max. 10 mm material thickness • incl. 5 m fixed cable
Weight	approx. 0.95 kg
Accessories (order separately)	32.14567.006 000 (14567 U6) Mast adapter Ø 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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