

ECONOMY WIND SPEED SENSOR



Seawater resistant full metal housing for long-term use

The ECONOMY wind sensors, tried and tested thousands of times, stand for high functionality and reliability. A very good price-performance ratio results from the dimensionally stable measuring elements, the robust full metal housing as well as very good starting values and linearity. The sensors are small and lightweight, are quickly mounted and easily provide measured values using two analog outputs.

- Good responsiveness
- High accuracy over a wide temperature range
- Anodized, seawater resistant surface
- Dimensionally stable measuring elements for long-term use
- Easy mounting due to cable plug connection and one-screw fixation

APPLICATIONS

- Wind turbines
- Agriculture
- Wind warning systems
- Industry

Professional Line	ECONOMY
Id-No.	00.14575.400000
Measuring range	0.7...50 m/s
Accuracy	2 % FS
Resolution	0.1 m/s
Starting value	0.7 m/s
Output	0...20 mA (maximum load 500 Ohm at 15 V) 4...20 mA (maximum load 500 Ohm at 15 V)
Range of application	temperature: -30...+70 °C heated; 0...70 °C unheated survival wind speed: 75 m/s
Supply voltage	10...30 VDC Heating voltage: 24 VDC, 600 mA (for controlled heating)
Measuring elements	three-armed cup rotor, break-proof
Dimensions	see dimensional drawing in the manual; for mounting on tube Ø 49...51 mm
Housing	seawater resistant aluminum; anodized; IP 53
Weight	approx. 0.4 kg
Accessories (order separately)	Id No. 32.14565.060000: Ready-made cable with 12-pin plug; length 12 m Id No. 32.14565.060020: Ready-made cable with 12-pin plug; length 15 m