

Anemometer PCE-ADL 11



PCE-ADL 11 Anemometer wind gauge for different units (m / s, knots, km / h) / Data logger function / Measured value memory for up to 60,000 values / USB interface / Software for evaluation / Configurable via PC software / Threaded hole for mounting

The anemometer PCE-ADL 11 is a data logger for wind speeds. The configuration on the wind measuring device is carried out via the supplied software and provides multiple settings for measurement. The wind meter measures various parameters. These include m / sec, km / h, knots, mph and ft / min. In addition to the measurement parameters, the measurement intervals can be set on the software by the wind measuring device. The data logger function accommodates 60,000 measured values. After completing the series of measurements, the data from the wind gauge can be read out on the computer via the software. The measurement results are displayed as either graphically as a curve or in tabular form.

The impeller installed on the wind gauge already responds to low flow velocities. In this case, the wind meter can be fixed by means of a mounting device. There is a threaded hole on the bottom of the wind gauge, so you can attach the unit firmly to the mounting bracket.

- ▶ Threaded hole on the device
- ▶ Configuration via the software
- ▶ Easy to use
- ▶ Direct-reacting, smooth-running impeller
- ▶ Various measuring units selectable
- ▶ Evaluation on the PC (graphic representation)
- ▶ Alarm when limit value exceeded
- ▶ Measurement memory for up to 60,000 values

Specifications

Measuring ranges	1.2 ... 30.0 m / sec. 4.3 ... 108.0 km / h 2.33 ... 58.32 knots 2.69 ... 67.2 miles / h 236 ... 5906 ft / min
Resolution	0.01 m / s 0.1 km / h 0.1 knot 0.1 mph 1 ft / min
Measurement accuracy	m / s: $\pm (3\% + 0.20 \text{ m / s})$ km / h: $\pm (3\% + 1.0 \text{ km / h})$ Knots: $\pm (3\% + 0.4 \text{ knots})$ miles / h: $\pm (3\% + 0.4 \text{ miles / h})$ ft / min: $\pm (3\% + 40 \text{ ft / m})$
Storage	For up to 60000 readings
Data Interface	USB for data transmission
PC software	For data evaluation with graphical representation
Selectable recording intervals	3 seconds, 5 seconds, 10 seconds, 30 seconds, 1 meter, 5 meters, 10 meters, 30 meters, 1 hour, 2 hours, 3 hours, 6 hours, 12 hours
Operating condition	Indicated by red, yellow and green LEDs
Alarm when extremes are exceeded	Yes
Measuring modes	Automatic and manual start of the measurement
Sensor	Anemometer
Power supply	Lithium Thionyl Chloride Battery, 3.6V Mignon
Alarm at low battery voltage	Yes
Operating conditions	0 ... 50°C / 32 ... 122°F, <80% relative humidity
Max. Height above sea level	2000 m / 6561 ft
Weight	49 g / < 1 lb
Dimensions	145 x 35 x 30 mm / 5.7 x 1.4 x 1.2 in

Subject to change

