

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 |

More information

More product info



Similar products



Subject to change