AIR FLOW METER

PCE-WSAC 50-311



- **Wind warning device with adjustable alarms**
- **2 alarm types**
- **Supply voltage: 24 V DC**
- **Input signal: 4 ... 20 mA**
- **Communication: RS485**
- **2 alarm relays installed**
- **Built-in beeper to alert**
- **Sensor supply via evaluation device**
- **Incl. ISO Calibration Certificate**
- *****Sensors sold separately*****

The wind warning device can be used in different fields of application. In use, the wind measuring device carries out measurements from the smallest wind movements. The wind warning device can be used on the one hand to monitor the current wind speed. On the other hand, it is also possible to use the wind measuring device to measure the average value of the last two or five minutes. If the wind speed values are higher than the preset values, a pre-alarm is first activated before the alarm is output. Both alarms are given visually and acoustically on the wind warning device. If the pre-alarm takes effect, a yellow LED will flash on the front of the device and a beeper will emit a periodic warning tone. When the normal alarm needs to be activated, the red LED will flash and the beep will be played continuously by the device.

In general, the wind warning device is used wherever wind monitoring has to be carried out. This is often the case in factories, mines, wind turbines and similar. If necessary, a relay can also be connected to the anemometer. In addition to the low wind speeds, the wind measuring device is characterized by its high reliability and high accuracy.

Sensors sold separately

Specification

Speed	
Measuring range	0 ... 50 m/s
Resolution	0.1 m/s
Accuracy	±0.3 m/s of range

General technical data	
Inputs	4 ... 20 mA
Outputs	2 x changeover contact 220V AC / 10 A
Interface	RS485
Sensor supply	12 ... 24 V DC / max. 150 mA
Protection class (device)	IP65
Power supply	24 V DC
Operating conditions	-20 ... 60 °C , 0 ... 100 % RH
Storage conditions	-20 ... 60 °C , 0 ... 100 % RH
Dimensions (L x W x H)	185 x 125 x 60 mm