

WIND SPEED METER WITH CABLE AND DATA LOGGER 24V

PCE-WSAC 50+ 24



- » **2 alarm types**
- » **supply voltage: 24 V AC**
- » **input signal: 4...20 mA**
- » **communication: RS485**
- » **2 alarm relays installed**
- » **integrated beeper for alarming**
- » **sensor supply via evaluation unit**

The wind speed meter with cable and data logger 24V can be used in various fields of application. In use, the wind speed meter with cable and data logger 24 V starts measuring even the slightest wind movements. On the one hand, the wind speed meter can be used to monitor the current wind speed. On the other hand, it is also possible to use the wind speed meter with cable and data logger 24 V to measure average values for the last two or five minutes. If the wind speed values are higher than the pre-set values, a pre-alarm is activated before the alarm is triggered. Both alarms are emitted visually and audibly on the wind speed meter with cable and data logger 24V. If the pre-alarm is activated, a yellow LED will flash on the front of the device and a beeper will emit a periodic warning tone. If the regular alarm needs to be activated, the red LED will flash and the device will beep continuously.

In general, the wind speed meter is used wherever wind monitoring is required. This is often the case in factories, mines, wind turbines and the like. If required, a relay can also be connected to the wind speed meter with cable and data logger 24V. In addition to the low wind speeds, the wind speed meter is characterised by its high reliability and high accuracy.

Specification

Speed	
Measurement range up to	0 ... 50 m/s
Resolution	0.1 m/s
Accuracy	±0.3 m/s v.Mb.

General technical data	
Inputs	4 ... 20 mA, Pulse
Outputs	4 ... 20 mA, max. 250 V AC, 8 A, 15 V DC
Units	m/s, km/h, mph
Display type	LCD
Display size	3 Inch
Display resolution	128 x 64 pixels
Storage medium	Micro SD card, Internal memory
Storage capacity	30000 Data records
Memory capacity (additional information)	External memory: max. capacity 32 GB (8 GB SD card included)
Storage interval from	10 s
Storage interval to	1 h
Interface	RS485
Sensor supply	12 ... 24 V DC / max. 150 mA
Protection class (device)	IP65
Power supply	Display: 24 V DC
Weight	570 g
Operating conditions	-20 ... 70 °C , 0 ... 95 % r.F
Storage conditions	-35 ... 70 °C , 0 ... 95 % r.F
Dimensions (L x W x H)	150 x 160 x 93 mm