WIND SPEED METER / WIND SPEED SENSOR

PCE-WS A



- **Robust PA plastic housing**
- **IP 65 protection**
- **mA, V, pulse or Modbus output**
- **Long lifetime**
- **Direct measurement of wind speed**
- **Measurement from 2.62 ft/s, 0.8 m/s**

The Wind Speed Meter / Wind Speed Sensor impresses with its compact design and various output signals.The Wind Speed Meter / Wind Speed Sensor can be used for applications in warning technology, building automation and home technology.Depending on the Wind Speed Meter / Wind Speed Sensor, a 4 ... 20 mA, 0 ... 10 V, Modbus or pulse output is available.The Wind Speed Meter / Wind Speed Sensor is designed as a star, so that operation independent of the wind direction is guaranteed.

The Wind Speed Meter / Wind Speed Sensor is made of robust plastic and is therefore resistant to rust and corrosion.The Wind Speed Meter / Wind Speed Sensor is also protected to IP65.The design of the Wind Speed Meter / Wind Speed Sensor also ensures that it is particularly protected against high-frequency and electromagnetic radiation.The measuring range extends between 2.62 ... 164.04 ft/s, 0.8 ... 50 m/s.The Wind Speed Meter / Wind Speed Sensor has a 65 ft, 20 m connection cable as standard.A stainless steel mounting kit for the Wind Speed Meter / Wind Speed Sensor is optionally available.

Specification

Speed	
Measuring range	0,8 ... 4 m/s
Resolution	0.1 m/s
Accuracy	±0.27 m/s
Speed	
Measuring range	4 ... 50 m/s
Resolution	0.1 m/s
Accuracy	±3%

General technical data	
Outputs	4 ... 20 mA (passive)
Cable length	20 m
maximum wind speed	55 m/s
Protection class (device)	IP65
Power supply	12 ... 30 V DC
Operating conditions	-20 ... 80 °C , 0 ... 95 % RH
Storage conditions	-20 ... 80 °C , 0 ... 95 % RH
Dimensions (L x W x H)	139 x 123 x 123 mm
Weight	160 g

PCE Instruments UK Ltd.
Chester Rd, Old Trafford Suite 1N-B, Trafford House, M32 0RS Manchester
Great Britain

Phone: +44 (0) 161 464902 0
info@pce-instruments.co.uk