



Air Flow Meter PCE-WS P



Robust Air Flow Meter for fixed installation / various output signals /
for wind warning systems, building services and building automation

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

The Air Flow Meter is made of robust plastic and is therefore resistant to rust and corrosion. The Air Flow Meter is also protected to IP65. The design of the Air Flow Meter 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 Air Flow Meter has a 65 ft, 20 m connection cable as standard. A stainless steel mounting kit for the Air Flow Meter is optionally available.

- 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

Subject to change

Specifications

Measuring range	2.62 ... 164.04 ft/s, 0.8 m / s ... 50 m / s
Measurement from	≤2.62 ft/s, 0.8 m / s
Output	pulses (reed contact)
Accuracy	<13.12 ft/s: ± 0.89 ft/s, <4 m / s: ± 0.27 m / s > 13.12 ft/s: ± 3%, > 4 m / s: ± 3%
Operating voltage	12 ... 30 V DC
Operating temperature range	-4 ... +185 ° F, -20 ... +80 ° C at ≤95% rel. humidity
Maximum wind speed	180.45 ft/s, 123 mph, 55 m / s
Electrical connection	65 ft, 20 m connection cable
Protection class	IP65

More information

Manual



More product info



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