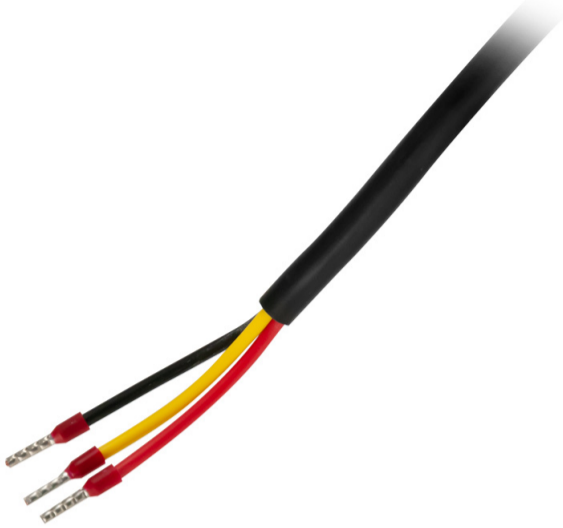


# Wind Direction Station PCE-WV A



**Robust Wind Direction Station for fixed installation / 4 ... 20 mA output /  
for wind warning systems, building services and building automation**

The Wind Direction Station was developed to measure the wind direction in the industrial environment. This Wind Direction Station can be connected to data loggers, process control systems, displays. A 4 ... 20 mA signal is available as an output signal on the Wind Direction Station. The Wind Direction Station has no dead center in the north and measures the wind direction from 0 ... 360 °. In order to protect the air flow meter from external weather influences, it is protected according to IP65.

To connect the Wind Direction Station to an evaluation, a 20 m cable is installed on the wind direction sensor. The Wind Direction Station can be used for irrigation control, automation in greenhouses, on solar trackers, cable cars in ski areas, cranes, wind turbines, weather stations and wherever the wind or wind direction must be observed precisely.

- ▶ Robust PA plastic housing
- ▶ IP 65 protection
- ▶ 4 ... 20 mA output
- ▶ Long lifetime
- ▶ 0 ... 360 ° measuring range
- ▶ Measurement from 2.62 ft/s, 0.8 m / s

Subject to change

# Specifications

Measuring range	0 ... 360 °
Measurement from	≤2.62 ft/s, 0.8 m / s
Output	4 ... 20 mA
Accuracy	± 3 °
Resolution	± 25.5 °
Maximum wind speed	123 mph, 180 ft/s, 55 m / s
Operating temperature range	-4 ... +176 ° F, -20 ... +80 ° C at ≤95% rel. humidity
Electrical connection	65.6 ft, 20 m connection cable
Operating voltage	12 ... 30 V DC
Protection class	IP65

Subject to change

