AIR FLOW METER

PCE-WV A



- **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**

The Air Flow Meter was developed to measure the wind direction in the industrial environment.This Air Flow Meter can be connected to data loggers, process control systems, displays.A 4 ... 20 mA signal is available as an output signal on the Air Flow Meter.The Air Flow Meter 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 Air Flow Meter to an evaluation, a 20 m cable is installed on the wind direction sensor.The Air Flow Meter 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.

Specification

Wind direction	
Measuring range	0 ... 360 °
Resolution	25,5 °
Accuracy	±3°

General technical data	
Outputs	4 ... 20 mA
Cable length	20 m
Maximum current	20 A
maximum wind speed	200 km/h
Protection class (device)	IP65
Power supply	12 ... 30 V DC
Operating conditions	-20 ... 60 °C , 0 ... 95 % RH
Storage conditions	-35 ... 80 °C , 0 ... 95 % RH
Dimensions (L x W x H)	130 x 65 x 185 mm
Weight	170 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