

PCE Americas Inc.
711 Commerce Way
Suite 8
Jupiter
FL-33458
USA
From outside US: +1
Tel: (561) 320-9162
Fax: (561) 320-9176
info@pce-americas.com

PCE Instruments UK Ltd.
Units 12/13
Southpoint Business Park
Ensign way
Hampshire / Southampton
United Kingdom, SO31 4RF
From outside UK: +44
Tel: (0) 2380 98703 0
Fax: (0) 2380 98703 9
info@pce-instruments.com

www.pce-instruments.com/english www.pce-instruments.com

Technical Airflow Meter PCE-FST-200-201-H-U

Wind Sensor PCE-FST-200-201-H-U Robust wind sensor for permanent installation / powder coating / weatherproof, by use of seals / heating

The wind speed sensor is compatible with and can be mounted on to a wide variety of available measuring equipment. The sensor will detect even the minutest movements of air and the results are then output in analogue form. The sensor is manufactured from corrosion resistant alloy, thus making it impervious to oxidation or rust. This allows the device to be used in the toughest environments. Sensitive parts are protected with seals, to prevent the ingress of water or fine dust. A heating element prevents the sensor from freezing. The PCE-FST-200-201-H wind speed sensor is a cup anemometer and is sensitive to wind speed down to as little as, less than 0.5 meters per second. The wind speed sensor is available in different versions with different outputs. This one is available with 4 ... 20 mA output and a 0 ... 10 V DC output.

- Alloys
- Heating
- Seal protection
- Analogue output signal
- Easy assembly
- Detects minutest movements of air

Technical Datas

 $\begin{array}{lll} \text{Output signal} & \text{0} \dots \text{10 V} \\ \text{Operating voltage} & \text{12} \dots \text{36 V DC} \\ \text{Measurement reading range} & \text{0,5 m/s} \dots \text{50 m/s} \\ \end{array}$

Measurement readings from ≤0,5 m/s

Measurement reading accuracy ±0,5 m/s (<5 m/s)

±3 % from scale end value

Heat output 10 W at 24 V DC

Operating temperature range -20 ... +85°C at ≤ 95% rel. humidity

Maximum wind speed 70 m/s at max. 30 minutes

Power connection M12
Protection class IP65

Delivery content

1 x Wind Speed Sensor PCE-FST-200-201-H, 1 x Plug M12, 1 x Operating Manual