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

Wind Sensor PCE-FST-200-202-I
Robust wind sensor for permanent installation / powder coating /
weatherproof seal protection/ analogue output signals

The wind direction sensor measures the direction of wind and the results are then output in analogue form. The 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 directly passed on. The wind direction sensor is sensitive to wind speed down to as little as, less than 0.8 meters per second.

The wind direction 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. 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.

- Alloys
- Long life span
- Seal protection
- Direct wind direction measurements
- Easy assembly
- Detects minutest movements of air

Technical Datas

Output signal	4 … 20 mA
Operating voltage	12 … 36 V DC
Resolution	22,5°
Measurement reading range	0 … 360°
Measurement readings from	≤0,8 m/s
Measurement reading accuracy	± 3°
Electrical resistance	250 Ω
Operating voltage	12 … 36 V DC
Maximum wind speed	70 m/s at max. 30 minutes
Power connection	M12
Protection class	IP65

Delivery content
1 x Wind Direction Sensor PCE-FST-200-202-I, 1 x plug M12, 1 x Operating Manual