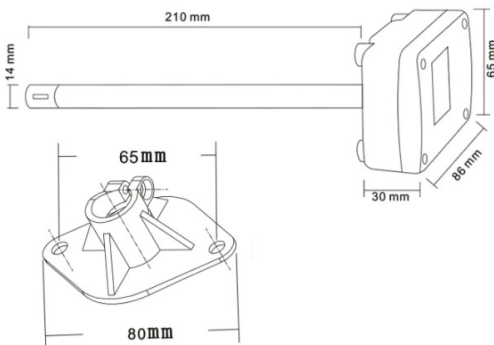


WIND SPEED SENSOR WS100-05



Drawing



Features

- Wind Speed Sensor is designed on the basis of the principle of hot-wire, the probe and housing adopt resistance to high temperature and anti-corrosion materials
- In the bad environment, it also can work stably and reliably.
- It can quickly and accurately tiny air flow measurement
- The product has realized high precision and high resolution through internal linear compensation and temperature calibration, and long term stability is extremely good, which should be installed directly

Technical Data

Measurement range : 0...5 m/s, 0...10 m/s, 0...20 m/s, 0...30 m/s

Accuracy : ±0.2 % of full scale

Resolution : 0.05 m/s

Long-term stability : ±0.1 m/s per year

Response time : <1s

Operating temperature : -20...+70 °C

Operating humidity : 20...90 %RH

Operating pressure : atmospheric pressure

Signal output : 4-20mA (3-wire), 0-10V or RS485

Power supply : 12...24 Vdc

Power consumption : <80mA@24Vdc (4-20mA), <60mA@24Vdc (others)

Body material : ABS

Probe length : 210 mm

Protection class : IP55



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WIND SPEED SENSOR WS100-05

Ordering Code

MODEL : WS100-05-x-x-x	
Measuring range	
5 : 0...5 m/s	
10 : 0...10 m/s	
20 : 0...20 m/s	
30 : 0...30 m/s	
Signal output	
A : 4-20 mA	
V : 0-10V	
R : RS485	
Cable length (option)	
- : without display	
D : with display	

Example : WS100-05-20-A

Wind speed sensor, Measuring range 0-20 m/s, signal output 4-20 mA