

# WIND SPEED SENSOR WSP

SKU: WSP

Doc No: WSP-DS-EN-10

## Introduction

WSP is the Wind Speed Sensor with carbon fiber material. Sensor with high weather resistance, high durability, corrosion resistance and water resistance.

- Weather resistant;
- High durability;
- High data transmission efficiency and reliable.

## Typical applications

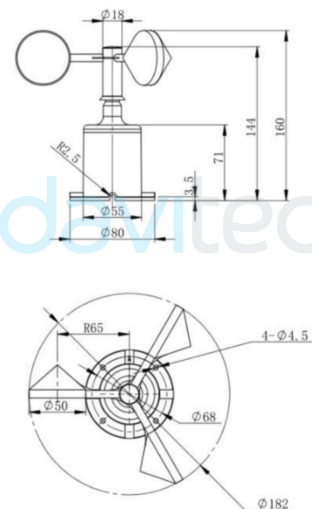
- Weather Station;
- Ship navigation;
- Aviation;
- Weather buoys;
- Wind turbines.

WIND SPEED SENSOR  
WSP



WSP-H1.PNG

DIMENSION DRAWING OF SENSOR  
(Unit: mm)



WSP-H2.PNG


## Specification

|                   |  |
|-------------------|--|
| Measure range     | 0-70m/s( Other can be custom made)       |
| Start wind speed  | 0.2m/s                                   |
| Response time     | <0.5s                                    |
| Resolution        | 0.1m/s                                   |
| Accuracy          | $\pm(0.2+0.03V)$ m/s, V means wind speed |
| Output            | 0..5VDC                                  |
| Power supply      | 12..24VDC                                |
| Power consumption | $\leq 0.3$ W                             |

|                      |                                  |
|----------------------|----------------------------------|
| Working temperature  | -20~60°C                         |
| Working humidity     | ≤100%RH                          |
| Cable specifications | 2m 3-wire system (analog signal) |

## Ordering Code

| Item code     | Descriptions   |
|---------------|--|
| WSP-01-ANALOG | WIND SPEED SENSOR, 0-70 M/S, CARBON FIBER, 0-5VDC OUTPUT, 12-24VDC, WITH CABLE AND CONNECTOR |
| MBRTU-WSP-01  | WIND SPEED SENSOR, CARBON FIBER CUPS, RS485/MODBUSRTU, 12-24VDC SUPPLY, 0-45M/S, IP65        |

 [Link for full datasheet:](#)

 [Link for manual:](#)

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🕒 Revision #7

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