- The housing is made of polycarbonate composite material, offering excellent resistance to corrosion and erosion.
- It collects data with high precision and outputs signals via 4–20 mA, 0–10 V, or RS-485, making it widely used in environmental monitoring.
- Measuring range: 0–30 m/s (customizable up to 0–70 m/s), with a resolution of 0.1 m/s.
- Standard ModBus-RTU communication protocol allows for easy data access.
- Designed with bottom cable entry to eliminate issues caused by aging rubber gaskets in aviation connectors, ensuring long-term waterproof performance.
- Equipped with high-performance imported bearings for low rotational resistance and precise measurement.
- The polycarbonate enclosure features high mechanical strength, hardness, and corrosion resistance; it is rustproof and suitable for long-term outdoor use.
- The device structure and weight are meticulously designed and distributed, resulting in low rotational inertia and fast responsiveness.
- Compatible with both 4-wire and 3-wire connection methods.

Mounting Bracket

- I tpye
- S type
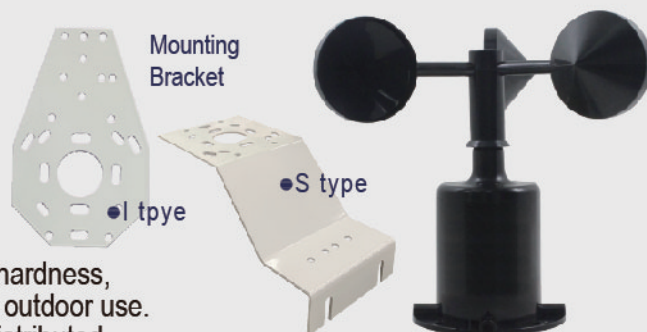
SPECIFICATIONS

- ◆ DC Power Supply: 10–30 VDC
- ◆ Maximum Power Consumption:
  Current Output: ≤ 1.2 W
  Voltage Output: ≤ 1.2 W
  Communication Output: ≤ 0.3 W
- ◆ Resolution: 0.1 m/s
- ◆ Accuracy: ±(0.2 + 0.03V) m/s, @ (0–30 m/s, 25°C)
- ◆ Operating Temperature (Electronics):
  V= wind speed in m/s
  -40°C to +60°C, 0%RH to 80%RH
- ◆ Measurement Range: Default: 0–30 m/s (customizable up to 0–70 m/s)
- ◆ Dynamic Response Time: ≤ 1 second
- ◆ Output Signal:
  Current Output: 4–20 mA
  Voltage Output: 0–10 V
  Communication Output: RS-485 (Modbus protocol)
- ◆ Load Capacity:
  Voltage Output: Load resistance ≤ 250 Ω
  Current Output: ≤ 600 Ω

*To ensure long-term reliability, the ambient wind speed should be kept below 30 m/s.

WIRING CONNECTION

Meter 9999 (ex: MA4)

1	2	3	4	5	6

V+ (Brown)   IN+ (Blue)   GND (Black)

Sensor
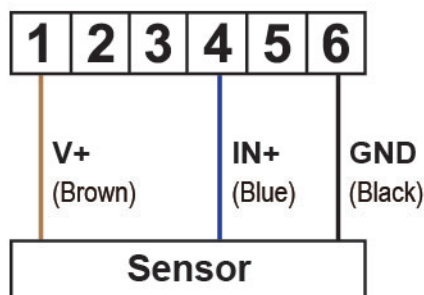
IN- (Yellow/ Green) For 4 wires

6 (Blue TX-A and Green RX-B should be connected according to the communication wiring scheme.)

ORDER INFORMATION

DCFSJT- [Code1]

Code1	Wind Speed Signal
A	4~20mA
V	0~10V
Y	RS-485
O	Option

DIMENSIONS (mm)

Ø18, 144, 160, 71, R2.5, 3.5, Ø55, Ø80

R65, 4-Ø4.5, Ø50, Ø68, Ø182