

- The self-developed high-precision wind speed measurement unit is sensitive and can quickly and accurately measure small wind speeds with good stability, small drift and high accuracy.
- Open-hole flange installation, using high-quality silicone seals, small air leakage, durable.
- The default range is 0~20m/s, and the maximum range is 0~30m/s.  
0~20m/s, 0~30m/s, 0~10m/s, 0~15m/s and other wind speed ranges can be set by dialing, which can be freely.
- Special EMC anti-interference device is adopted, which can withstand various kinds of strong electromagnetic interference such as on-site frequency converter.
- With wind speed identification direction, easy to install on site.



## SPECIFICATION

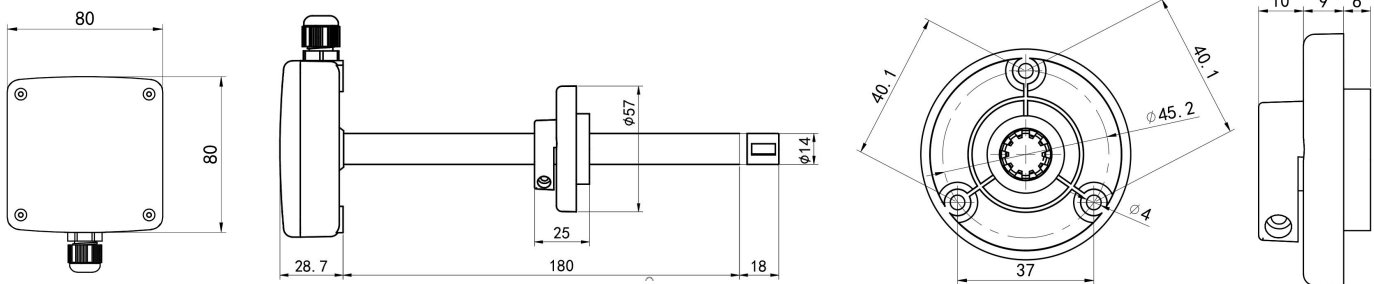
- ◆ DC power: 24Vdc
- ◆ Maximum power consumption: 0.6W
- ◆ Measurement medium: Air, nitrogen, soot
- ◆ Accuracy:  $\pm(0.2+2\%FS)m/s$
- ◆ Transmitter circuit operating temperature:  $-10^{\circ}C \sim +50^{\circ}C$
- ◆ Output signal: Current signal 4~20mA
- ◆ Wind speed display resolution: 0.1m/s
- ◆ Range: The default is 0~20m/s, and the maximum measurement range is 0~30m/s
- ◆ Response time: 2S
- ◆ Long-term stability:  $\leq 0.1m/s/year$
- ◆ Load capacity: Current output Output resistance  $\leq 600\Omega$

## WIRING CONNECTION

The device has one independent analog output.

Serial	Number	Description
1	V+	Power supply (10~30Vdc)
2	GND	Negative power supply and negative wind speed signal
3	T	Wind speed signal is positive

## DIMENSION



## ORDER INFORMATION

DFS- Code1 - Code2

Code1	Output Signal	Code2	Type
3A6	4~20mA Current	9TH	Flat pipe shell no display

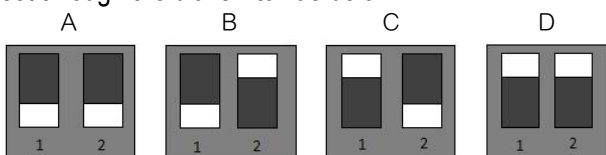
## INSTALLATION

Note that the pipe needs to be installed on the side or underneath. It cannot be installed from top to bottom.

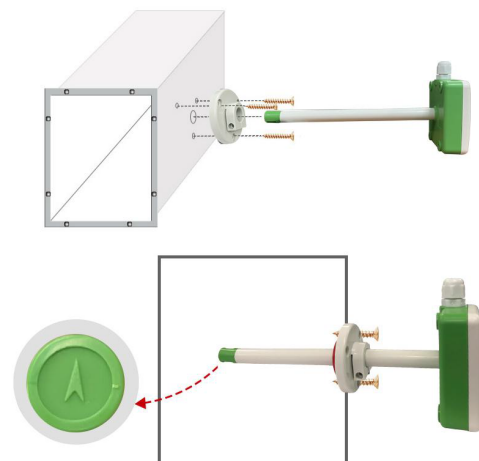
First make a 20mm diameter hole in the ventilation duct, insert the air duct into the hole, adjust the direction of the device so that the arrow direction of the device is consistent with the direction of the wind speed. You can control the height of the device by adjusting the position of the flange. Install the three screws on the flange to fix the device and complete the installation. The installation diagram is shown below:

## MODIFY TEMPERATURE RANGE

Remove the four screws on the air duct shell to see the dial switch. The wind speed range of the transmitter can be set through the dial switch as below:



- A: Measurement range of the dial switch is 0~20m/s
- B: Measurement range of the dial switch is 0~30m/s
- C: Measurement range of the dial switch is 0~15m/s
- D: Measurement range of the dial switch is 0~10m/s



**\*\*If it is a north wind and the wind will blow from north to south, the arrow should point to the south.\*\***