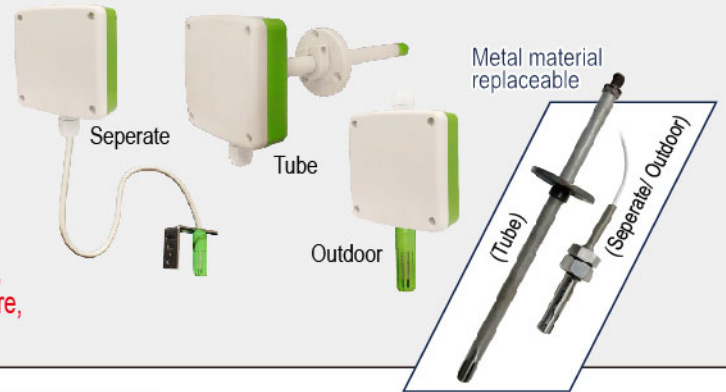


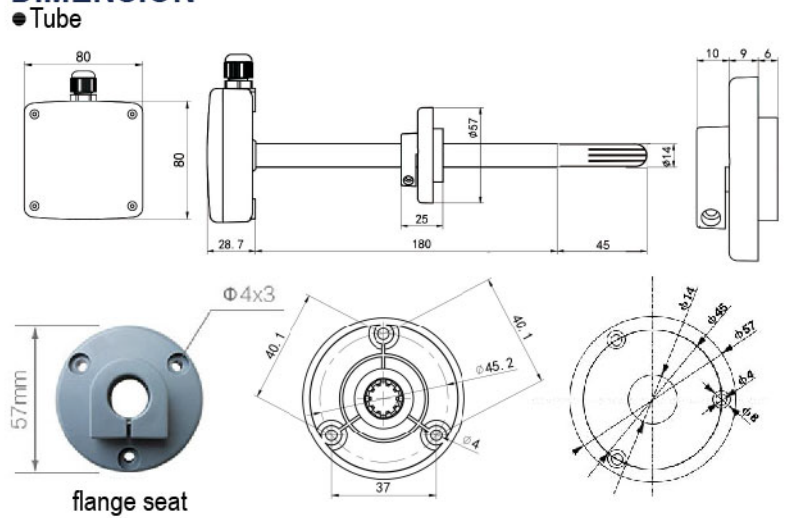
- Convenient on-site installation.
- Adopts anti-interference circuit design, can withstand various strong electromagnetic interferences such as on-site inverters.
- The equipment adopts a waterproof shell design.
- The filter screen of the equipment probe adopts 25 μ m high-strength stainless steel material, which can not only ensure the entry of gas molecules but also prevent the entry of dust particles and water droplets.
- Temperature accuracy $\pm 0.5^{\circ}\text{C}$, humidity accuracy $\pm 3\% \text{RH}$, high accuracy and low drift.
- RS-485 can read temperature, relative humidity, **dew point temperature, forst point temperature, wet bulb temperature, saturation vapour pressure, vapour pressure, mixture ratio, absolute humidity, specific enthalpy.**



SPECIFICATION

- ◆ DC power supply: 10~30Vdc
- ◆ Maximum power consumption: 1.3W
- ◆ Quasi precision humidity: $\pm 3\% \text{RH}$ ($60\% \text{RH}, 25^{\circ}\text{C}$)
- ◆ Quasi precision temperature: $\pm 0.5^{\circ}\text{C}$ (25°C)
- ◆ Working temp. & humi.: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$, $0\% \text{RH} \sim 95\% \text{RH}$ (non-condensing)
- ◆ Measuring temp.: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- ◆ Measuring humi.: $0\% \text{RH} \sim 100\% \text{RH}$
- ◆ Long-term stability humi.: $\leq 1\% \text{RH}/\text{y}$
- ◆ Long-term stability temp.: $\leq 0.1^{\circ}\text{C}/\text{y}$
- ◆ Response time humi.: $\leq 8\text{s}$ (1m/s wind speed)
- ◆ Response time temp.: $\leq 25\text{s}$ (1m/s wind speed)
- ◆ Output signal: Current output 4~20mA
- ◆ Load capacity: Current output $\leq 600\Omega$

DIMENSION

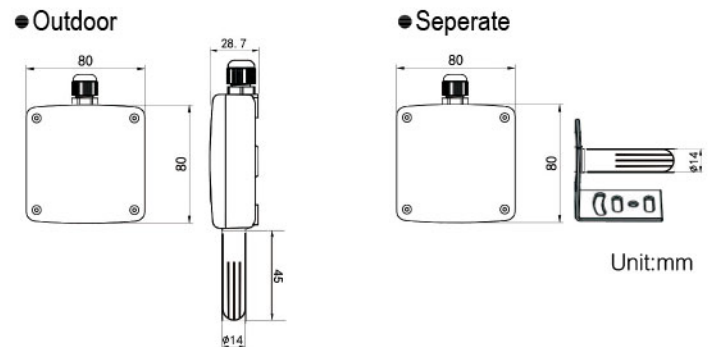


ORDER INFORMATION

DC Code1 - Code2 - Code3

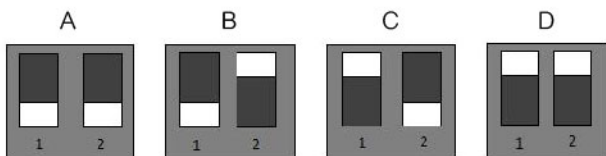
Code1	Detection	Code2	Output Signal	Code3	Type(no display)
WS	Temp.+Humi.	4A6	4~20mA Current	9TH	Flat pipe shell
W	Temp.	Y	RS-485	9SP	Seperate type
S	Humi.	4V4	0~10V Voltage	9OD	Outdoor type

O Temperature, relative humidity, **dew point temperature, forst point temperature, wet bulb temperature, saturation vapour pressure, vapour pressure, mixture ratio, absolute humidity, specific enthalpy**



MODIFY TEMPERATURE RANGE

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



- A: Measurement range of the dial switch is $-40 \sim 80^{\circ}\text{C}$
- B: Measurement range of the dial switch is $-35 \sim 50^{\circ}\text{C}$
- C: Measurement range of the dial switch is $-35 \sim 35^{\circ}\text{C}$
- D: Measurement range of the dial switch is $0 \sim 50^{\circ}\text{C}$

If the temperature range is not within the above range, you can contact our company for customization

WIRING CONNECTION

- 4~20mA four wire type (wide voltage 24V DC power input)

