

## KM21V30-NH3

### 0-10V voltage ammonia sensor

#### User Manual

File Version: V21.2.15



KM21V30-NH3 using the standard ,easy access to PLC, DCS and other instruments or systems for monitoring ammonia state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized RS232,RS485,CAN,4-20mA,DC0~5V/10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

#### Technical Parameters

Technical parameter	Parameter value
NH3 range	0~150ppm
NH3 accuracy	±15ppm
Power	DC12~24V 1A
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

### Product Selection

Product Design DC0-5V, DC0-10V Multiple output methods, the products are divided into the following models depending on the output method.

Product model	output method
KM21V30-NH3V5	DC0-5V
KM21V30-NH3V10	DC0-10V

### Product Size



**How to wiring?**



## PVC SHELL





Environmentally friendly material,  
wear-resistant and durable  
Not easy to corrode,  
not easy to deform

## WATERPROOF TERMINAL




Tighten the terminal after wiring  
Anti-pull by mistake



### RS485 Wiring

	RD	PWR+
	GN	PWR-
	YE	RS485 A+
	BU	RS485 B-

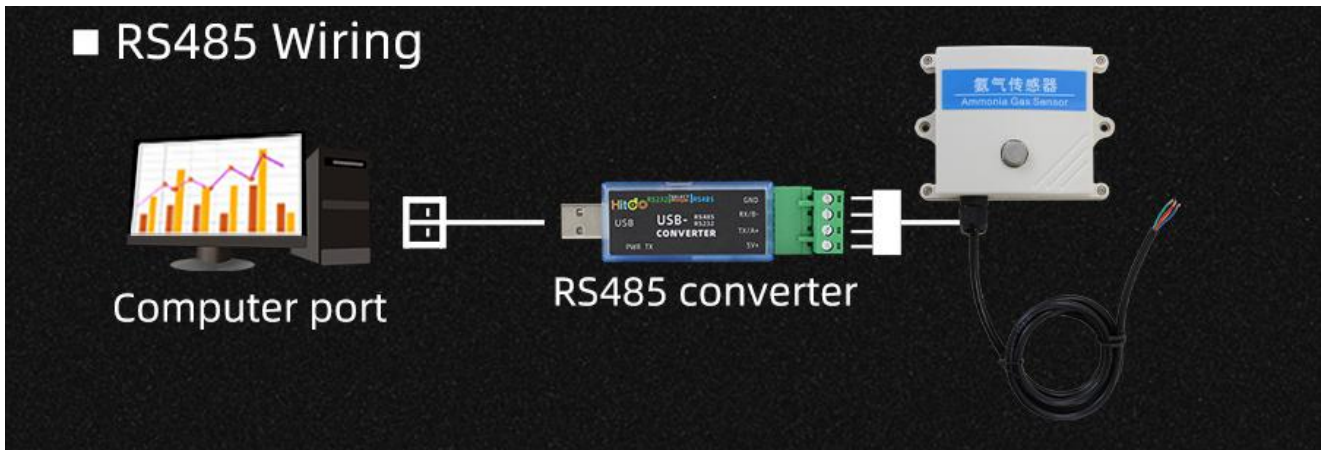
### mA/V Wiring

	RD	PWR+
	BK	PWR-
	BU	mA\V Out

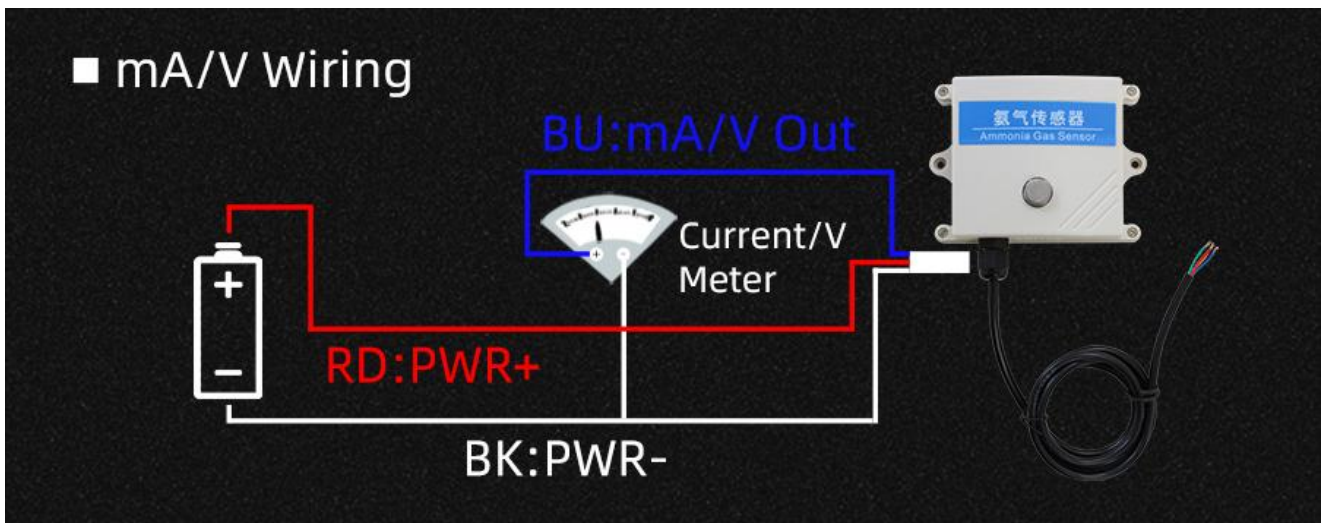
※Note: When wiring, connect the positive and negative poles of the power supply first, and then connect the signal line

### Application solution

#### ■ RS485 Wiring



#### ■ mA/V Wiring



### How to use?



## **Disclaimer**

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