

KD37V88

0-5Vor0-10V Display type wind speed sensor in pipeline

User Manual

File Version: V21.2.16



KD37V88 using the standard ,easy access to PLC , DCS and other instruments or systems for monitoring wind speed 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
Wind speed range	0~30m/s

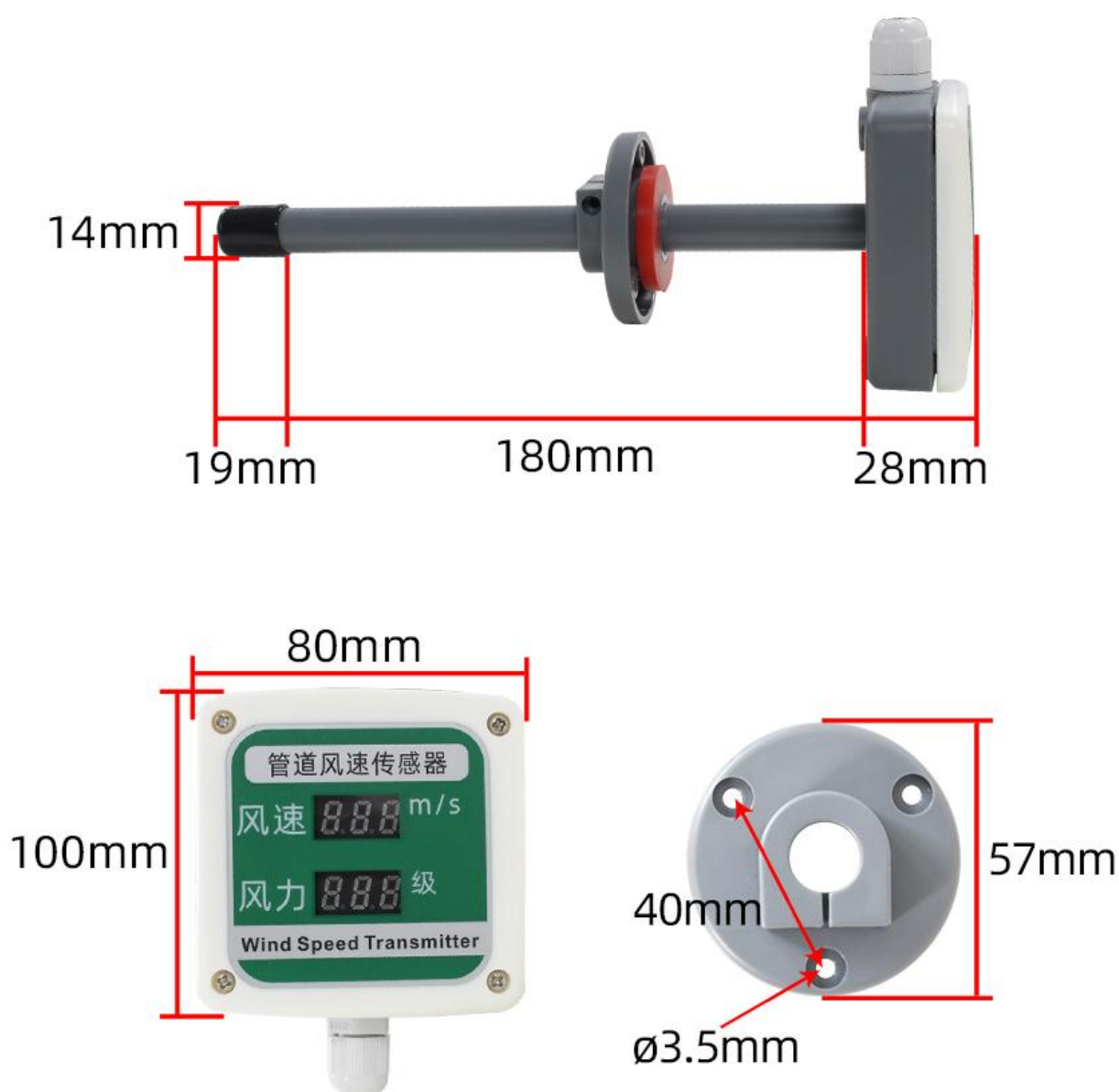
Wind speed accuracy	$\pm 3\%$
Induction principle	Thermal film induction
Power	DC12~24V 1A
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

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
KD37V88V5	DC0-5V
KD37V88V10	DC0-10V

Product Size



How to wiring?



WATERPROOF CONNECTOR

Tighten the terminal
to lock the cable
Anti-pull and anti-water

SEALING RING

Red is the sealing ring
Prevent internal circuit board
damage due to water ingress





LED DISPLAY

Low power consumption
highlight display
The night is still clearly visible

WIRING PORT

There are terminals inside
the top cover
Wiring according to their own
matching requirements





FLANGE MOUNTING PLATE

Removable installation
After installation, the duct
sensor can be inserted
into the flange to fix it

RS485(No DIP)

B-/V	RS485 B-
GND	PWR-
VIN	PWR+
A+/I	RS485 A+

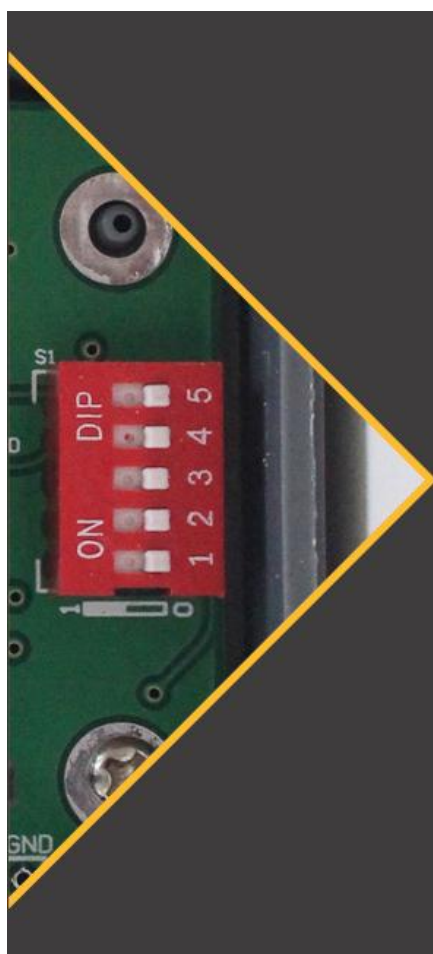
4~20mA(DIP)

B-/V	Null
GND	PWR-
VIN	PWR+
A+/I	mA Out

0~10V(DIP)

B-/V	V Out
GND	PWR-
VIN	PWR+
A+/I	Null

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



DIP(Value)

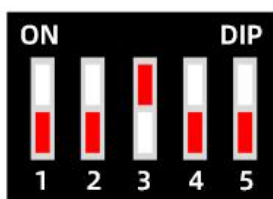
3	4	Range
ON	ON	0~10m/s
OFF	ON	0~20m/s
ON	OFF	0~30m/s Default

DIP(Mode)

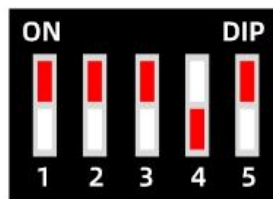
5	1	2	Method
ON	ON	ON	5V
ON	OFF	ON	10V
OFF	OFF	OFF	4~20mA

DIP INTRODUCTION

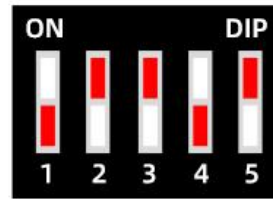
3 and 4 are wind speed range switching, 2 and 5 is voltage/current mode switching, 1 is 0~5V/0~10V switching



4~20mA

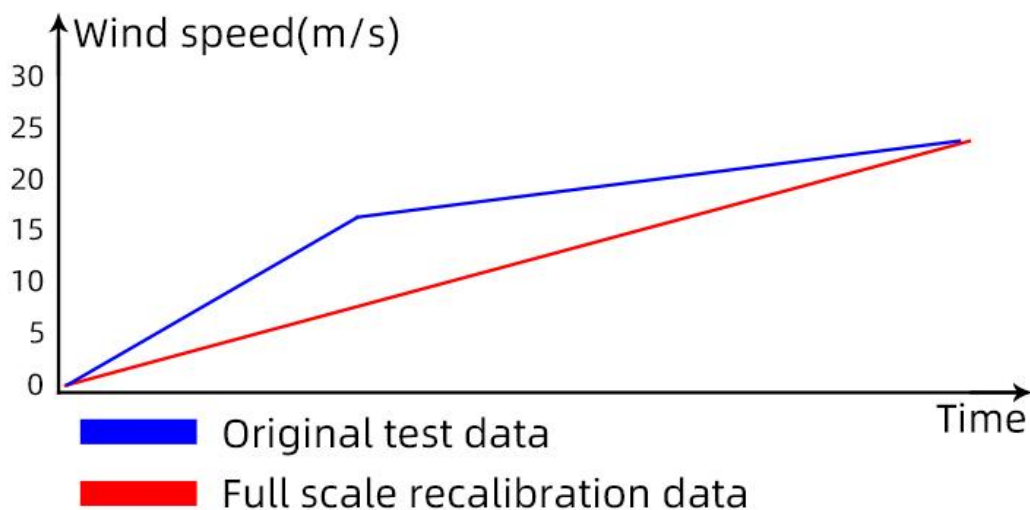


DC0~5V

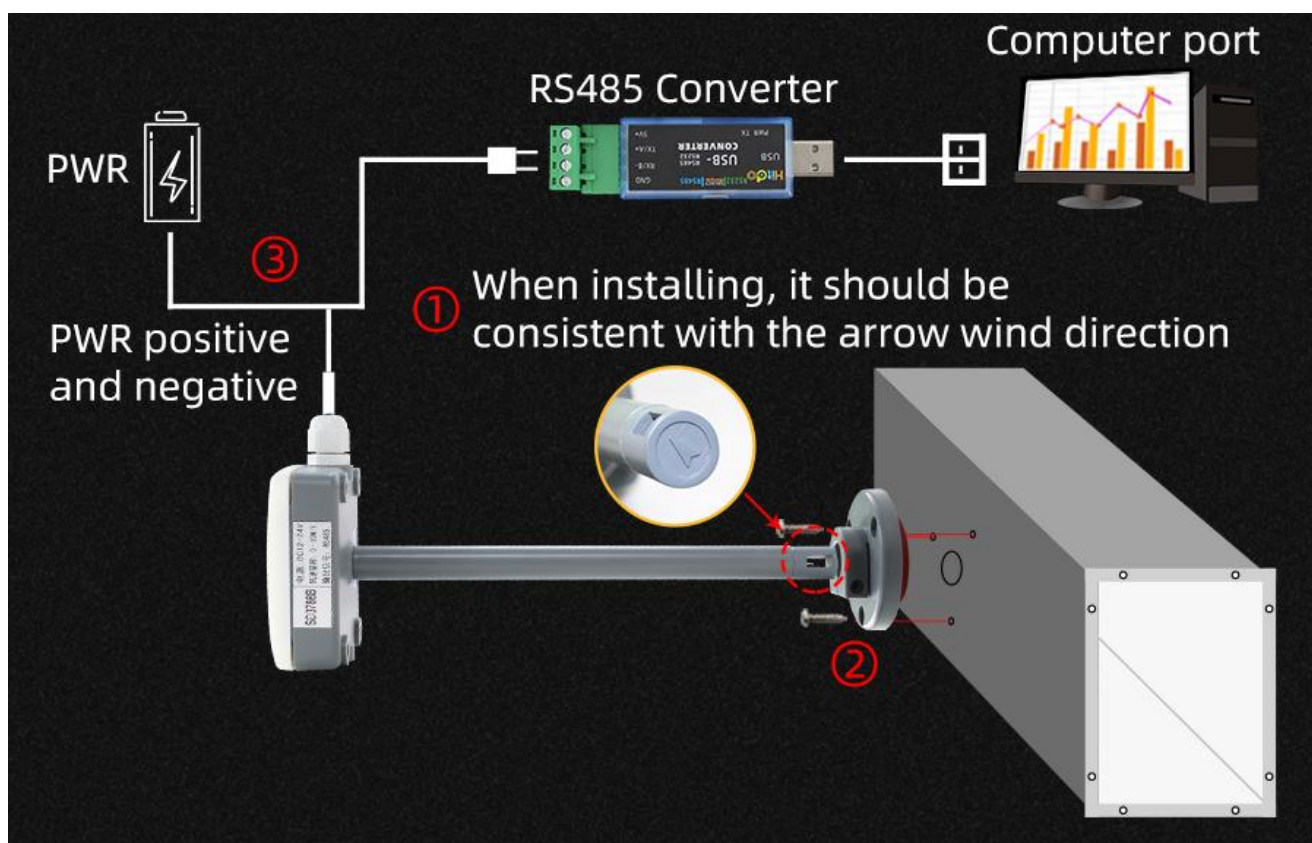


DC0~10V

FULL SCALE CALIBRATION



Application solution



How to use?



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