

KD2110V

0-10V voltage type LED display temperature and humidity sensor

User Manual

File Version: V21.2.16



KD2110V using the standard DC0 ~ 5V voltage output signal, easy access to PLC, DCS and other instruments or systems for monitoring temperature, humidity 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
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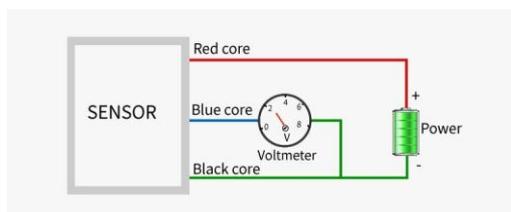
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25℃
Output Interface	DC0~5V
Power	DC12~24V 1A
Running temperature	-40~80℃
Working humidity	5%RH~90%RH

Wiring instructions

Any incorrect wiring can cause irreversible damage to the product. Please carefully wire the cable as follows in the case of power failure, and then connect the cable to confirm the correctness and then use it again.

ID	Core color	Identification	Note
1	Red	V+	Power V+
2	Green	V-	Power V-
3	Yellow	H+	Humidity output
4	Blue	T+	Temperature output

In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.



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Contact Us

Company: Shanghai Sonbest Industrial Co., Ltd KLHA Brand Division

Address: Building 8, No.215 North east road, Baoshan District, Shanghai, China

Web: <http://www.klha.com>

Web: <http://www.klha.com>

SKYPE: soobuu

Email: sale@sonbest.com

Tel: 86-021-51083595 / 66862055 / 66862075 / 66861077