

QM7571

In-ceiling smoke sensor

User Manual

File Version: V23.6.27



QM7571 using the standard ,easy access to PLC, DCS and other instruments or systems for

monitoring PVC 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
Brand	TRANBALL
Power	DC6~24V 1A
Running temperature	-30~85°C
Working humidity	5%RH~90%RH

Product Selection

Product Design DC6V~24V, DC12V~24V Multiple output methods, the products are divided into the following models depending on the output method.





Product model	output method

Product Size






WIRING METHOD

RS485 connection method

-  Red V-Power supply positive pole
-  Green V- Power supply negative
-  Yellow A+ RS485 A+
-  Blue B- RS485 B-

4-20mA wiring method

-  Red V+ Power supply positive pole
 -  Black V- Power supply negative
 -  Blue IOUCurrent output
- Rentenformel (Germany): $W_{Smoke}=(I-4mA)\times 2000/16$
Note: when wiring first power supply positive and negative, after the signal line

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.

How to use?

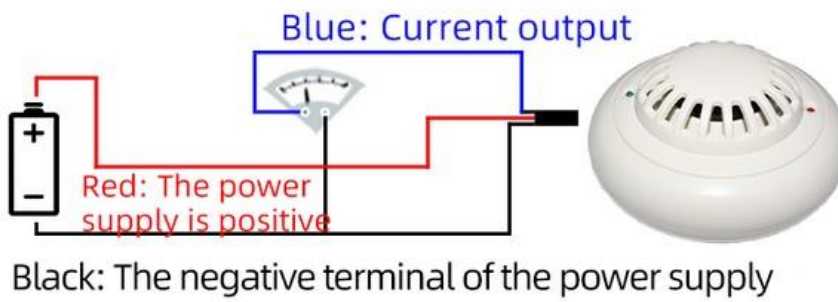


Application solution

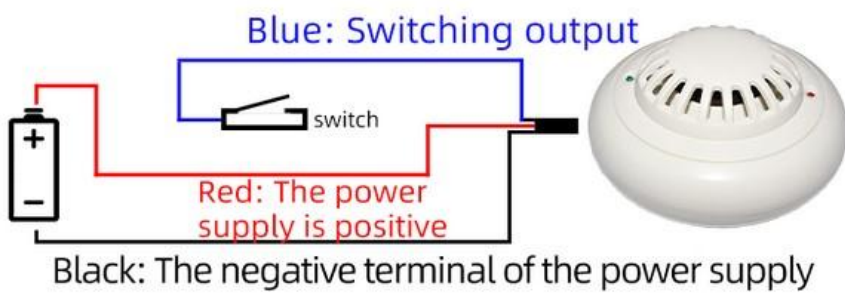
■ RS485 wiring method



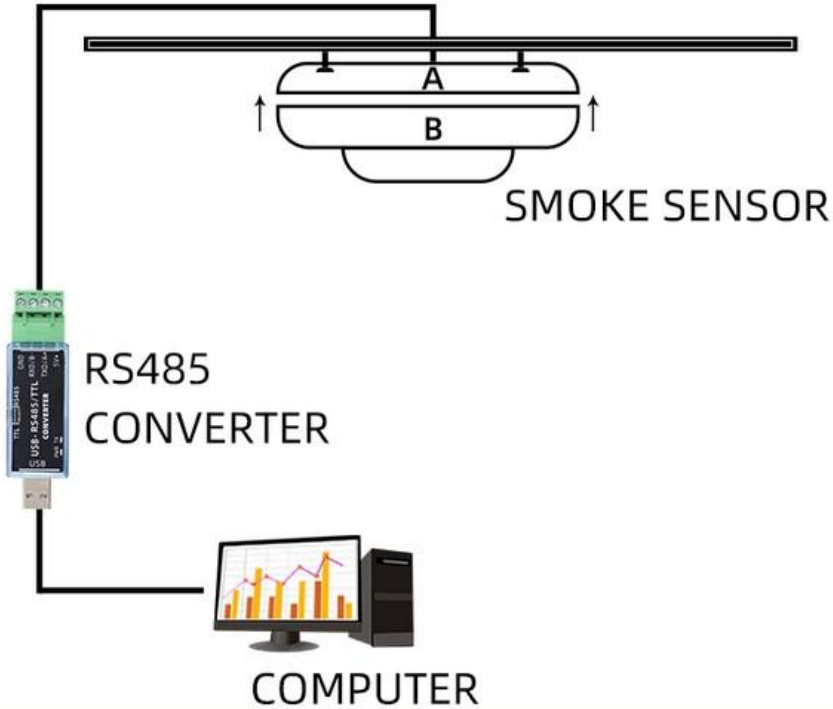
■ 4~20mA wiring mode



■ Switching wiring method



First fix the A-bottom plate to the ceiling
Product B can be rotated clockwise on the base plate



Product List



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