

SM1633B-8**RS485 interface 8-channel 4-20mA current acquisition module****User Manual**

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SM1633B-8 using the standard RS485 bus MODBUS-RTU protocol, easy access to PLC, DCS and other instruments or systems for monitoring 4-20mA current 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 | SONBEST |
| Communication Interface | RS485 |
| Default baud rate | 9600 8 n 1 |
| Power | DC9~24V 1A |

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 + |
| 2 | Green | V- | Power - |
| 3 | Yellow | A+ | RS485 A+ |
| 4 | Blue | B- | RS485 B- |

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.

Communication Protocol

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Contact Us

Company: Shanghai Sonbest Industrial Co., Ltd

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

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

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

SKYPE: soobuu

Email: sale@sonbest.com

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