



SONBUS SM1201M Temperature Transmitter Sensor User Manual

[Home](#) » [SONBUS](#) » SONBUS SM1201M Temperature Transmitter Sensor User Manual 

Contents

- [1 SONBUS SM1201M Temperature Transmitter Sensor](#)
- [2 Technical Parameters](#)
- [3 Wiring instructions](#)
- [4 Disclaimer](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)

SONBUS

SONBUS SM1201M Temperature Transmitter Sensor



SM1201M using the standard DC4-20mA current output signal,easy access to PLC DCS and other instruments or systems for monitoring temperature@12 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
Temperature measurement range	-50°C to +100°C (optional with other ranges)
Detecting Core Devices	PT100
Temperature Measurement Accuracy	± 0.5°C (0.5FS)
Thermal Response Coefficient	10mΩ/K
The resistance @ °C	1000Ω±0.12Ω/K
The resistance rate	0.385Ω/K
Reference Standards	Using EN 60751 Class B Standards
Channels	8
Communication Interface	DC4~20mA
Power	DC6~24V 1A
Running temperature	-40~80°C
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. 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.


Disclaimer

This document provides all information about the product, does not grant any license to intellectual property, does not express or imply, and prohibits any other means of granting any intellectual property rights, such as the statement of sales terms and conditions of this product, other issues. No liability is assumed. Furthermore, our company makes no warranties, express or implied, regarding the sale and use of this product, including the suitability for the specific use of the product, the marketability or the infringement liability for any patent, copyright or other intellectual property rights, etc. Product specifications and product descriptions may be modified at any time without notice.

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

Documents / Resources

	<p>SONBUS SM1201M Temperature Transmitter Sensor [pdf] User Manual SM1201M Temperature Transmitter Sensor, SM1201M, Temperature Transmitter Sensor</p>
---	--

References

- [Home-Šæµ·æœåšá@žă_šæœ%œ™ă...-ă_](#)
- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)
- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)