



SONBUS SM6389B Temperature Sensor User Manual

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SONBUS SM6389B Temperature Sensor

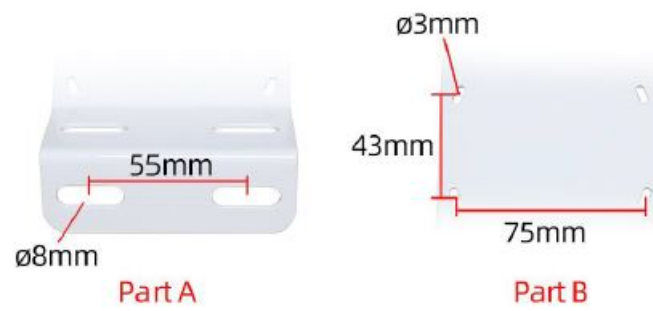
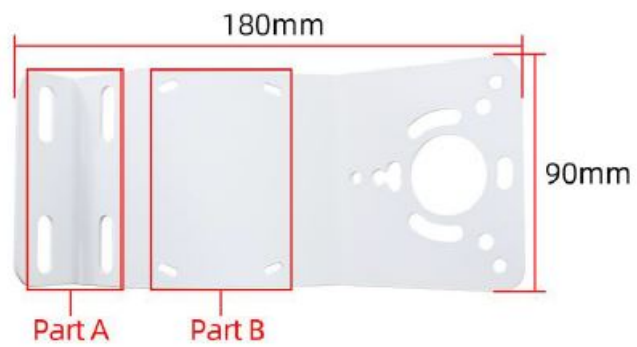


SM6389B using the standard RS485 bus MODBUS-RTU protocol,easy access to PLC DCS and other instruments or systems for monitoring temperature humidity Illuminance state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can 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 measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Illuminance measuring range	0~65535Lux
Illuminance allow deviation	±7%
Repeatability test	±5%
Illuminance detection chip	Import digital
Wavelength range	380nm~730nm
Communication Interface	RS485
Default baud rate	9600 8 n 1
Power	DC9~24V 1A
Running temperature	-40~80℃
Working humidity	5%RH~90%RH

Product Size



How to wiring?

RS485 Wiring

	RD	PWR+
	GN	PWR-
	YE	RS485 A+
	BU	RS485 B-

4~20mA Wiring

	RD	PWR+
	BK	PWR-
	BU	I OUT

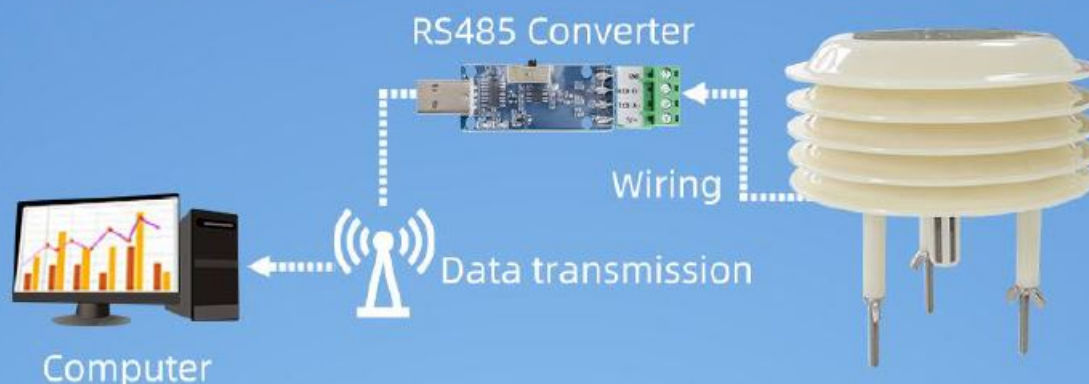
0~5V/10V Wiring

	RD	PWR+
	BK	PWR-
	BU	V OUT

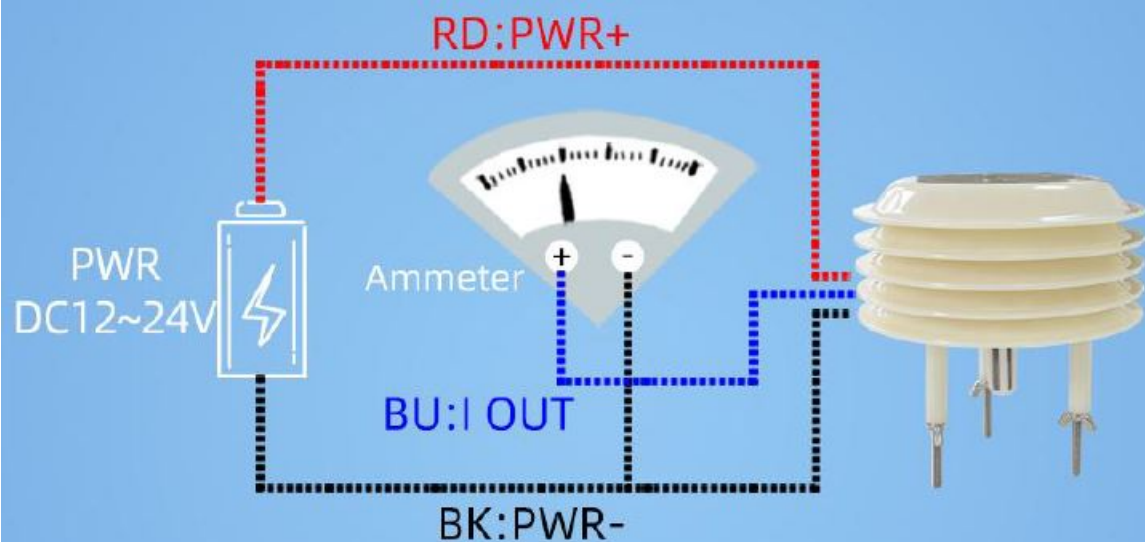
※Note: When wiring, connect the positive and negative poles of the power supply first, then connect the signal wire

Application solution

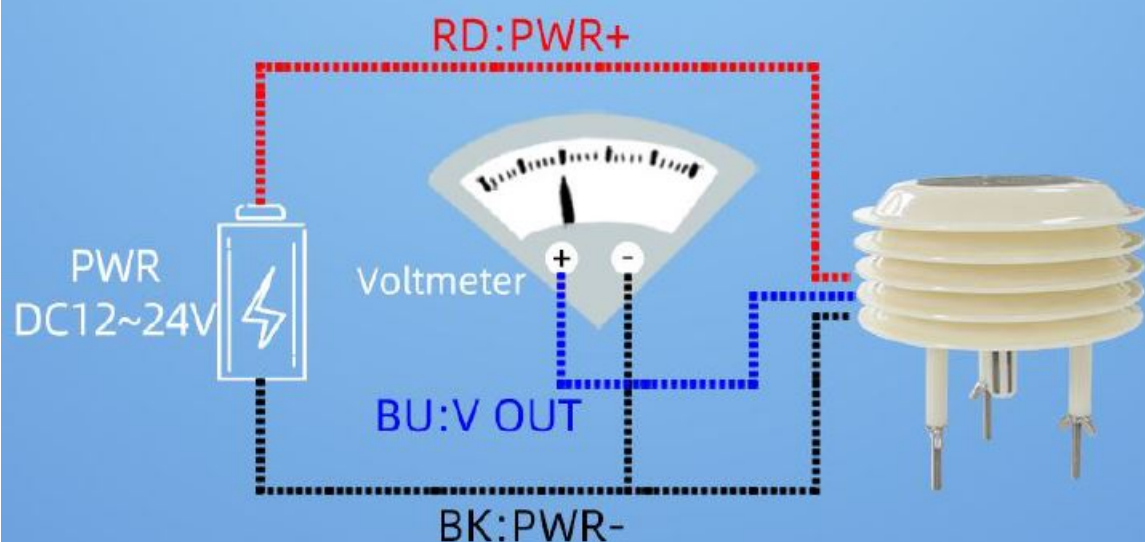
■ RS485 Wiring



■ 4~20mA Wiring



■ 0~5V/10V Wiring



How to use?



Communication Protocol Disclaimer

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Documents / Resources

	SONBUS SM6389B Temperature Sensor [pdf] User Manual SM6389B Temperature Sensor, SM6389B, Temperature Sensor
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References

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Manuals+.