




sonbus SM7183M current type differential pressure transmitter User Manual

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SM7183M
4-20mA current type differential pressure transmitter
User Manual
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SM7183M using the standard DC4-20mA current output signal, easy access to PLCDCS, and other instruments or systems for monitoring 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, DC0~5V10V, ZIGBEE, Lora, WIFI, GPRS, and other output methods.

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Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST

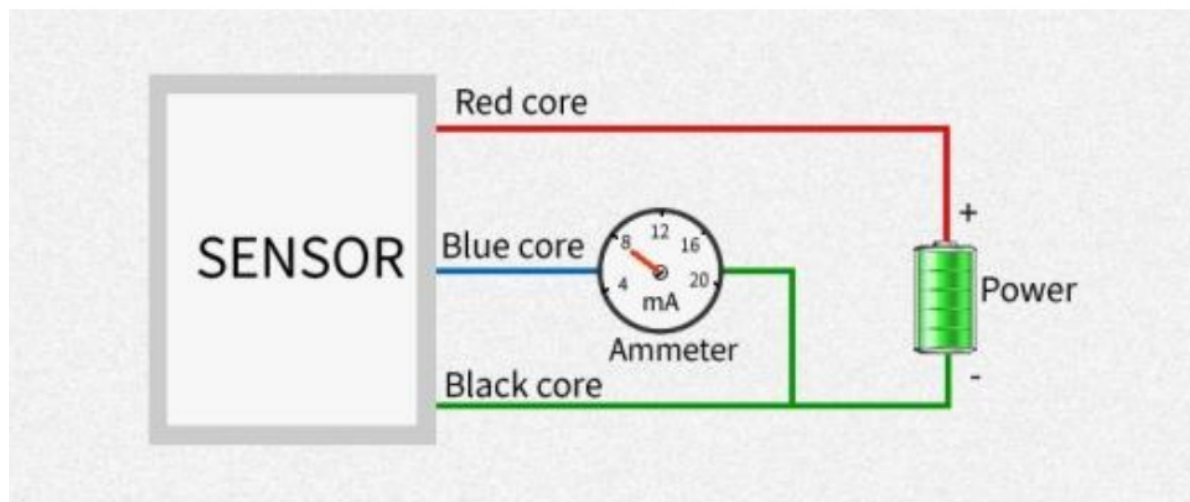
Measuring media	Non-corrosive gases
Gauge pressure measurement range	-100~0~100KPa
Differential Pressure Measurement Range	0~0.2~100KPa
Differential Pressure Measurement Accuracy	±0.5%FS
Communication Interface	DC4~20mA
Power	DC12~24V 1A
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

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.

ID	Core color	Identification	Note
1	Red	V+	Power V+
2	Blue	I+	sensor output
3	BLACK	V-	Power negative electrode

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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Documents / Resources

	<p>sonbus SM7183M current type differential pressure transmitter [pdf] User Manual SM7183M current type differential pressure transmitter, current type differential pressure transmitter, pressure transmitter, 4-20mA</p>
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References

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- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)
- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)