

SM7183

4-2 Differential pressure transmitters

User Manual

File Version: V23.8.5



SM7183 using the standard DC4-20mA current output signal,easy access to PLC, DCS and other instruments or systems for monitoring 差压 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 |
| 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 | -30~85℃ |
| Working humidity | 5%RH~90%RH |

Product Size



Wiring instructions

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.

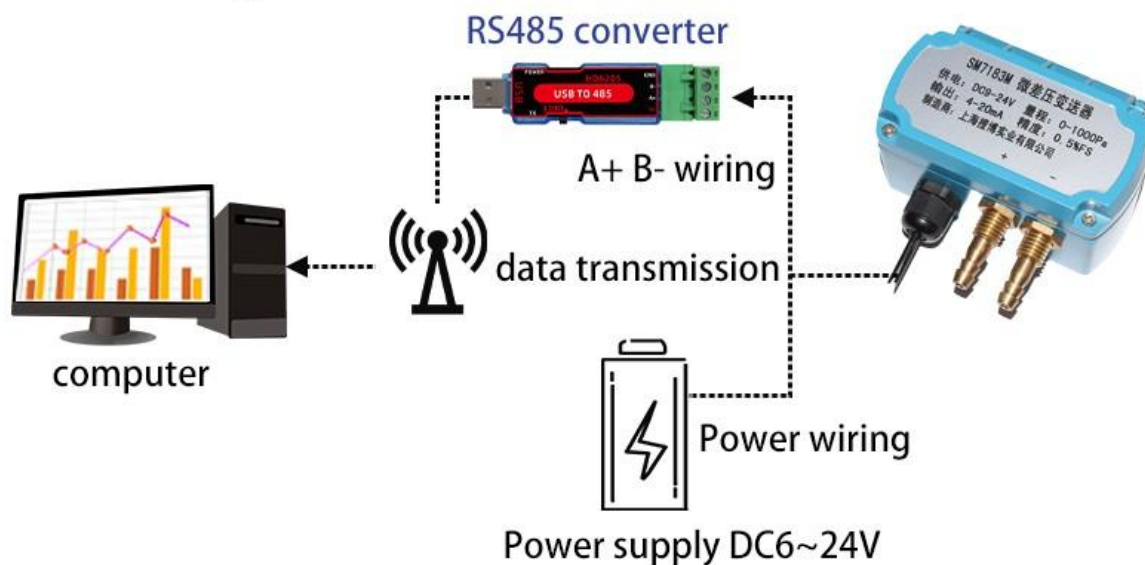
How to use?

It can be used in intelligent dust-free workshop, oven pressurization, agriculture, negative pressure ward, pipeline pressure, nucleic acid sampling booth and other places that need to monitor the differential pressure

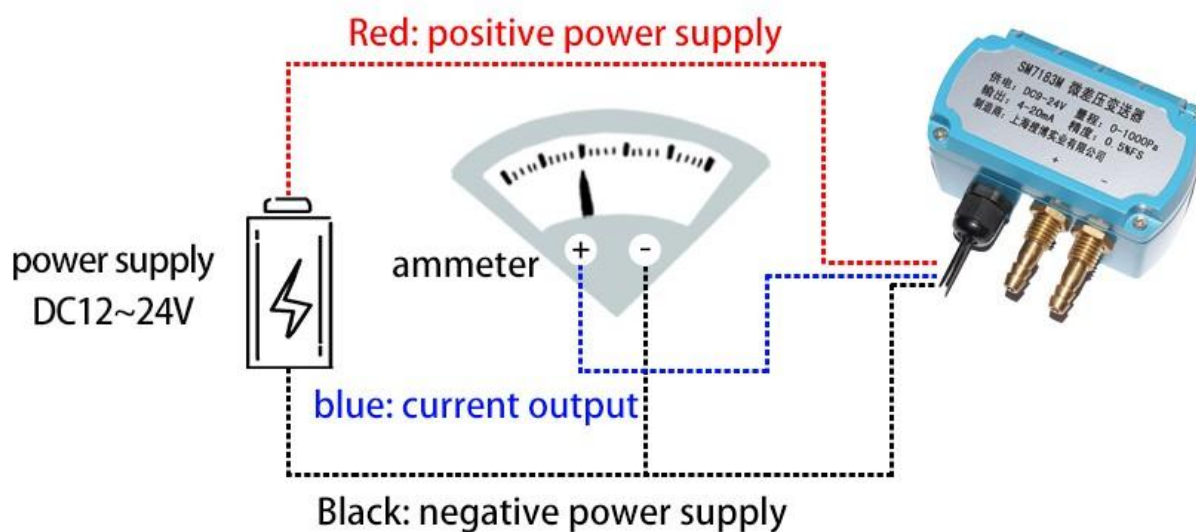


Application solution

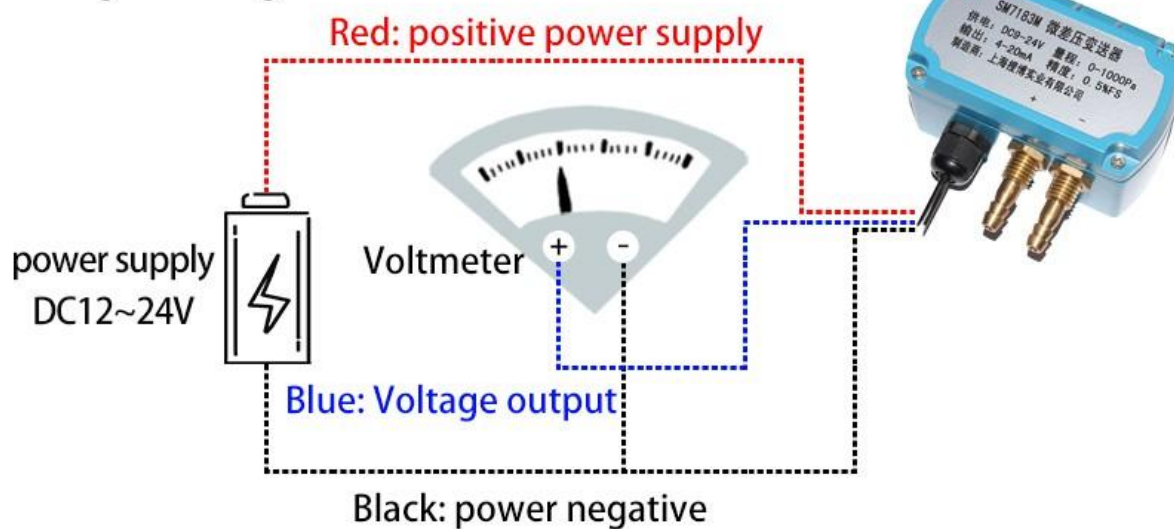
■ RS485 wiring method



■ Current wiring



■ Voltage wiring method



Product List



Differential pressure
transmitters



Reminder card



Certificate

Disclaimer

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