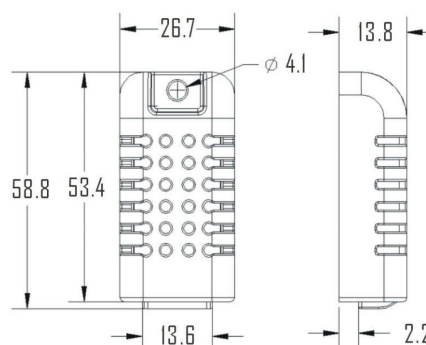


AM2320B Datasheet



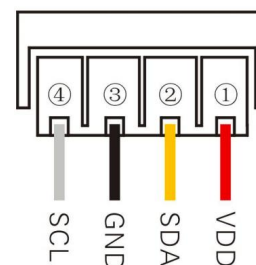
Product photo



Dimension (Unit:mm)

AM2320B Pin Definition

Pin	Name	Color	Description
1	VDD	Red	Power(2.6V~5.5V)
2	SDA	Yellow	Serial data, bidirectional port
3	GND	Black	Ground
4	SCL	White	Serial clock, input port (ground when single bus)



AM2320B cable

Power pins (VDD GND)

The power supply voltage range of AM2320B is 2.6V - 5.5V, and the recommended power supply voltage is 5V.

Serial Data (SDA)

The SDA pin is a three-state structure for reading and writing sensor data. For the specific communication sequence, see the detailed description of the communication method.

Serial clock input (SCL)

The SCL pin is used for the selection of the sensor communication mode and the clock line for I²C communication. When powering on, SCL remains low for 500ms or even

When it keeps low level, it means that the user chooses single-bus communication, otherwise it is I²C communication;

During the period, the communication mode of the sensor remains unchanged; if you want to change the communication mode, please power on again, and select the communication mode according to the operation requirements.

When I²C communication is selected, SCL is used for communication synchronization between the microprocessor and AM2320B.

Note: This product is a combination of AM2320 and an adapter board, so for the detailed instruction manual, please ref to AM2320 datasheet.