

1M DS18B20 Temperature Sensor Manual

Specifications

Temperature Range: -55°C to $+125^{\circ}\text{C}$ (-67°F to $+257^{\circ}\text{F}$)

Accuracy: $\pm 0.5^{\circ}\text{C}$ from -10°C to $+85^{\circ}\text{C}$

Water Resistant: Yes

Length: 1M

Power Consumption: $< 0.001\text{W}$

Supply Voltage: 3.3V

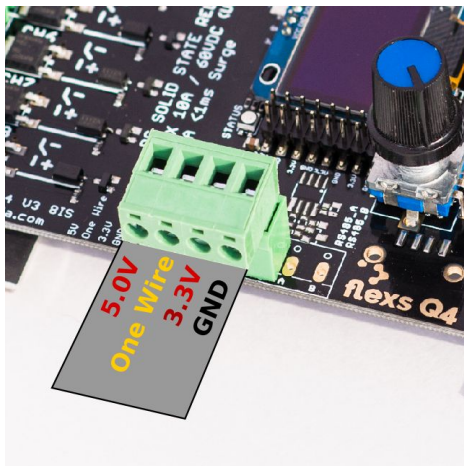
Requires no external components

Connection Details

The Flexs Q4 allows you to connect up to 32 digital DS18B20 temperature sensors, all sharing the same three wires.

One Wire sensors are connected to the 4 pin screw terminal opposite the network connector.

Onewire Sensor	Flexs Q4
RED (VCC)	-> 3.3V
YELLOW(One Wire)*	-> One Wire
BLACK (GND)	-> GND



After the sensors have been connected you can view and monitor their readings in real-time by going to the 'registers' tab of the onboard web server.

Sensor readings will start at 'R49' for the first sensor and continue downwards

**One Wire lead may be green on some models, please contact us if you have any questions*