

## Introduction

UbiBot Temperature Sensor is an exquisitely compact, highly sensitive, fast-sensing, interference-resistant and highly accurate external temperature sensor for on-site temperature measurement in harsh environments.

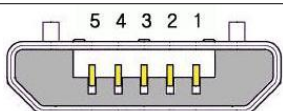


## Specification

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Model	UB-DT-P1
Power Supply	DC 3~5.5V
Measurement Range	-55~125°C
Measurement Accuracy	±0.5°C (@-55~125°C)
Material	Stainless steel
Dimensions	Φ6mm*31mm
Cable Length	3m/5m/Custom-made
Connector	Micro USB/Audio/Custom-made
Internal Chip	American DALLAS DS18B20
Protocol	Single Bus protocol
Ingress Protection	IP68
Thunder Prevention	Level 1

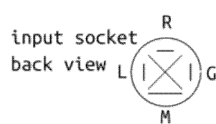
## Wiring Instruction

### Micro USB



Pin Sequence	Pin Definition
Pin 1	GND
Pin 2	NC
Pin 3	NC
Pin 4	I/O
Pin 5	VCC

### Audio



Pin Sequence	Pin Definition
L	VCC
R	NC
M	Data
G	GND

## Product Working Environment

This product is suitable for indoor and outdoor environments. The recommended operation temperature is -55 to 125°C.

## Product Applications

This product is suitable for temperature monitoring in these industries: refrigerated truck, pharmaceutical factory GMP monitoring system, telecom airport monitoring, beer manufacturer, smart building, warehouse management, logistics, process temperature monitoring, air conditioning, incubation, animals breeding, greenhouse, freezers and other industries.