

UbiBot® Wireless Multi-Sensor Device Series

PT 100

PT 100 Industrial-grade Temperature Probe is made of specially treated platinum wire wrapped around the inner surface of the probe. It can reflect the actual temperature quickly and accurately. The buttcock line is made of high temperature zone shielded fiberglass material, with a temperature range of up to 200 degrees Celsius. PT100 adopts the chip imported from Germany with high stability, and adopts three-wire connection mode to ensure the accuracy and anti-interference ability. It can connect with WS1 Pro and GS1 series.



- **Technical specifications**

Monitoring Temperature Range : -200 to 400°C

Buttcock Line Temperature Range : -30~200°C

Accuracy : $\pm (2\% + 1^\circ\text{C})$

Connector : Micro USB, 3.5mm Audio

Output Interface : RS485

Communications Protocol : Modbus

- **Physical specifications**

Materials : Stainless steel

Size of Stainless Steel Probe : 5mm diameter x 200mm long

Cable Length : 300cm

IP Level : IP68

Working Voltage : DC 5-12V

power dissipation : $\leq 0.1\text{W}$