

UbiBot® Product Accessories

matched with UbiBot® wireless smart sensor devices,
you can get more environmental data.





DS18B20 Temperature Probe

Materials : Stainless steel
Working Voltage : 3-5.5V
Connector : Micro USB, 3.5mm Audio
Measuring Range : -55°C ~ +125°C (-67°F to 257°F)
Measuring Accuracy : ±0.5°C (over the range -10°C ~ +85°C)
power dissipation : ≤0.1W
IP Level: IP68



PT100 Temperature Probe

Materials : Stainless steel
Working Voltage : 5-12V
Connector : Micro USB, 3.5mm Audio
Measuring Range : -200°C ~ +300°C, -50°C ~ +400°C
Measuring Accuracy : Level B
power dissipation : ≤0.1W
IP Level: IP68



RS485 T/H Probe

Materials : PE + Stainless steel
Working Voltage : DC 5-12V
Connector : Micro USB, 3.5mm Audio
Measuring Range : Temperature: -40°C ~ +80°C,
Humidity: 0 ~ 100%RH
Measuring Accuracy : ±0.3°C ; ±2% RH
power dissipation : ≤0.1W

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CO2 Probe

Connector : Micro USB, 3.5mm Audio
Measuring Range : 0~40000ppm
Measuring Accuracy : $\pm(30\text{ppm}+3\%MV)$



Light Probe

Connector : Micro USB, 3.5mm Audio
Measuring Range : 0.01Lux ~ 83000Lux
Measuring Accuracy : $>40\text{Lux } 2\%, <40\text{Lux } 5\%$



Soil T/H Probe

Materials : Stainless steel
Working Voltage : DC 5-24V
Connector : Micro USB, 3.5mm Audio
Operating Condition: -40°C to $+80^{\circ}\text{C}$ (-40°F to $+176^{\circ}\text{F}$) 0 to 100% RH
Measuring Accuracy : $<2\%(0-50\%), <5\%(>50\%)$



Water Leakage Probe

Materials : Stainless steel
Working Voltage : DC 5-24V
Connector : Micro USB, 3.5mm Audio
Operating Condition: -40°C to +80°C (-40°F to +176°F) 0 to 100% RH
Measuring Accuracy : <2%(0-50%),<5%(>50%)



PH Probe

Connector : BNC
Measuring Range : 0.00 ~ 14PH
Measuring Accuracy: ± 0.1 PH
Temperature Range : 5°C ~ 60°C



EC Probe

Connector : Three core aviation Socket
Measuring Range : 0 ~ 20000 μ S/cm
Measuring Accuracy: $\pm 2\%$ F.S

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Wind Speed Probe

Connector : Micro USB, 3.5mmAudio
Measuring Range : A 0~32.4m/s B 0~60m/s
Measuring Accuracy: $\pm 0.02V + 0.3$



Micro-USB Cable Splitter

Connector : Micro USB Male to two Female
Color : white
Cable Length : 18.5cm



Water Resistant Case

IP Rating : IP53
Size : 14.5* 21cm(suitable for WS1 and WS1 Pro)
Use Cases : Greenhouse, Horticulture, forestry