

# HC-70 Micro Soil Salt Conductivity Integrated Sensor

## Product Introduction:

The HC-70 soil salinity conductivity integrated sensor (transmitter) adopts graphite electrodes and MCU control inside. This product has the advantages of large range, good linearity, strong lightning resistance, compact design, high measurement accuracy, fast response speed, good sealing, and can be directly buried in soil for a long time without corrosion. The soil quality has little impact, and it is easy to observe, stable and reliable. It can be widely used in meteorology, ocean, environment, ports, and other fields. In the fields of industry, agriculture, and scientific research, such as laboratories, water-saving agricultural irrigation, greenhouses, flowers and vegetables, grasslands and pastures, soil rapid testing, and plant cultivation.



## Technical parameters:

Power supply mode: 12~24VDC

Voltage output: 0~2.5VDC, 0~5VDC

Current output: 4~20mA

Digital output: RS-485

Working temperature: -40°C~70°C

Working humidity: ≤ 100%RH

Waterproof grade: IP68

External dimensions: Sensor diameter 2cm, length 2.8cm

## Salt content:

Measurement range: 0-8000mg/L;

Accuracy: < ±3%;

Resolution: 1mg/L;

## Conductivity:

Measurement range: 0-20mS/cm

Accuracy: < ±3%

Resolution: 0.01mS/cm

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