

LABART SOIL NPK SENSOR LNPK-101

ADVANTAGES:

- 1: High precision agriculture sensors, rapid response, good exchange ability
- 2: Good tightness, corrosion resistance, the soil tester can be used in the soil for a long time.
- 3: Flame retardant epoxy resin curing, completely waterproof, the soil tester can withstand strong external impact.
- 4: Steel needles are made of high quality materials that can with stand long-term electrolysis , acid and alkali corrosion in soil.

Soil Tester Application

Agricultural Irrigation, Greenhouse, Grass Farm, Environmental Monitoring, Soil testing, Water Conservation

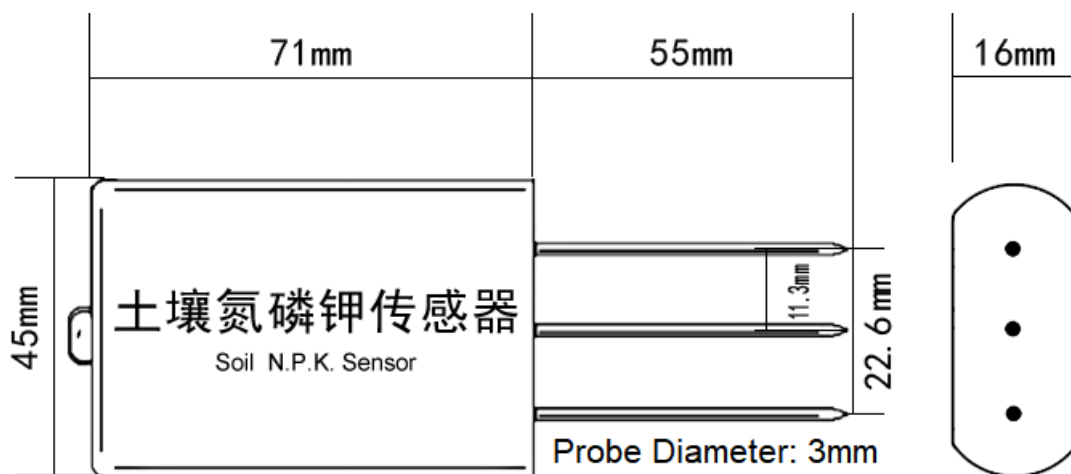
Technical Parameters

- Measurement Parameters: Soil nitrogen, phosphorus, potassium
- Measurement Unit: mg/kg (mg/L)
- Measuring Range: 0-1999mg/kg (mg/L)
- Measurement Accuracy: $\pm 3\%$ (mg/kg)
- Resolution: 1mg/kg (mg/L)
- Output Signal: RS485 (Standard Modbus-RTU protocol, device default address: 01)
- Supply Voltage: 5-24V DC
- Working Range: 0°C-50°C
- Stabilization Time: 1 second after power-on
- Response Time: < 10 seconds

Physical Parameters

- Probe Length: 55 mm, ϕ 3 mm
- Probe Material: 316L stainless steel
- Sealing Material: ABS engineering plastics, epoxy resin, waterproof grade IP68
- Cable Specifications: Standard 2 meters



Dimensions:**Characteristics**

- 1) The sensor has compact size, is easy to carry, easy to install, operate and maintain.
- (2) It has good sealing performance and can be directly buried in the soil for use without corrosion.
- (3) The influence of soil quality is small, and the application area is wide.
- (4) High measurement accuracy and reliable performance to ensure normal work.
- (5) The response speed is fast, the interchangeability is good, and the data transmission efficiency is high.