

PH SENSOR

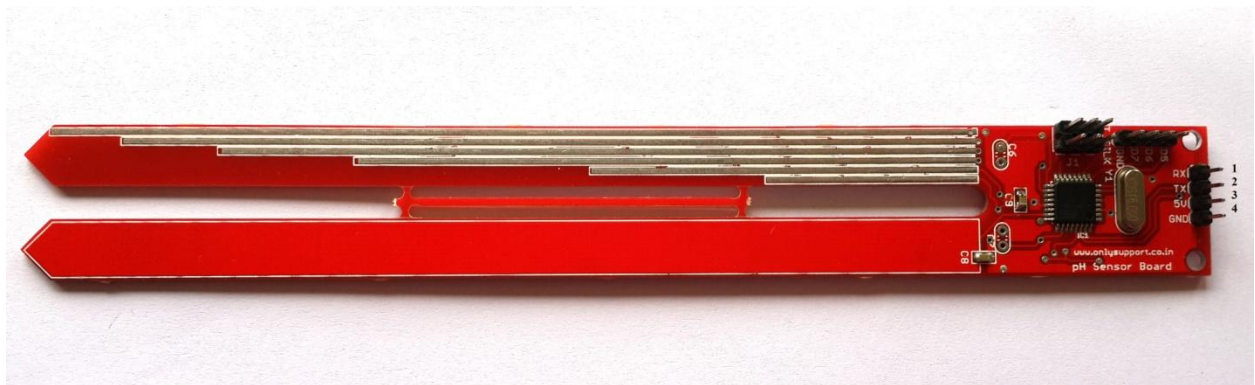
DESCRIPTION

PH sensors measure the level of PH in sample solutions by measuring the activity of the hydrogen ions in the solutions. This activity is compared to pure water (a neutral solution) using a pH scale of 0 to 14 to determine the acidity or alkalinity of the sample solutions. Additionally added Light intensity sensor, Temperature sensor and Water Level sensor. This module can measure the amount of water level and temperature range and light intensity

FEATURES

- Measure the Ph level
- Measure the Light intensity
- Measure the Water Level
- Measure the Temperature

CONNECTION DIAGRAM



- 1.RECEIVER PIN
- 2.TRANSMITTER PIN
- 3.POWER SUPPLY +5V
- 4.GND PIN

CONNECTION STEPS

- Ph sensor consists of Transmitter and Receiver pin.
- Connect the power supply to ph module (5volt vcc)
- Transmitter pin transmit the four sensor values continuously
- Using Tx pin we can measure the ph data through port terminal

Note: This module working 9600 baud rate

APPLICATION

- Agriculture
- Industrial Temperature
- Water Ph level
- Intensity control