



PH SENSOR

Specification

- Unit measurement: PH
- Range: 0 to 14
- Response time: 95% 1 sec
- Connector: IP68
- Operating Temp: 1 ~ 99°C
- Resolution: +/- 0.0001
- Sensor Output: TTL UART
- Operating Voltage: 3.3VDC

Applications

- Wastewater Treatment
- Drinking Water Treatment
- Ponds & Lakes
- Fish Tanks
- Chemicals Processing

SUBMERSIBLE INDUSTRIAL PH SENSOR

The PH (potential of Hydrogen) sensor measure the levels of acidity or alkalinity of a solution. PH is the unit of measure that describe the degree of acidity or alkalinity from a scale of 0 to 14 range.

When using the PH sensor the glass membrane allows hydrogen ions from the liquid being measured to diffuse into the outer layer of the glass, while the large ions remain in the solution. The difference in the concentration of hydrogen ions create a small amount of current, which is proportional to the concentration of hydrogen ions in the liquid being measured.

The PH sensor is rugged and reliable, Low maintenance, and comes with an internal temperature sensor built-in. The sensor is fully submersible and comes with a water-proof IP68 connector. Calibrating the PH sensor is easy and simple to do with Remote Sense field software.

