

# Digital PH Sensor

## Applications

Digital PH sensor is widely used in the system of waste water treatment, purified water, circulating water and boiler water, as well as the PH test in the fields of electronics, aquaculture, food, printing and dyeing, electroplating, pharmacy, fermentation, chemical industry, etc

## Main features

- 24 hours online monitoring
- High accuracy, high stability and
- Strong anti-interference ability
- Automatic temperature compensation function
- Work independently without controller or transmitter
- Support RS485 and 4~20mA signal output
- Directly connect to computer, PLC or IoT system
- Can set parameters by RS485 communication
- Able to replace the sensor probe

## Technical indicators

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Measuring range:          | 0.00-14.00PH                                  |
| Resolution:               | 0.01pH                                        |
| Accuracy:                 | ±0.02 pH, ±0.3°C                              |
| Stability:                | ≤0.01pH/24h                                   |
| Temperature compensation: | 0-99.9°C(PH) PT1000                           |
| Working conditions:       | 0 ~ 60°C                                      |
| Pressure range:           | 0-6 bar                                       |
| Output:                   | RS485 and 4~20mA<br>(DC5V only support RS485) |
| Working voltage:          | DC5V /12V/24V                                 |
| Cable length:             | 5m (customizable)                             |
| Materials:                | PPS                                           |
| Protection grade:         | IP68                                          |



CE ISO FC RoHS

## Optional accessories

