

DISSOLVED OXYGEN SENSOR



LOW POWER DISSOLVED OXYGEN SENSOR

Specification

- Operating Voltage 2.7V to 5.5V
- Response time: 0.3 mg/L per sec
- Accuracy: +/- 0.05 mg/L
- Operating Temperature: 1°C to +50°C
- IP68 Connectors
- Average Current Consumption at 3.3v is 12mA
- Standard cable length: 7m
- Output: TTL UART

The sensor has been designed to provide highly reliable and accurate Dissolved Oxygen measurements offering a range from 0 to 100 mg / L.

The Dissolved Oxygen sensor measures the concentrations in liquid. Designed to operate in harsh environment, sensor electronics are completely encapsulated to protected against water intrusion. The sensors as standard comes with 7 meters cable length, other length available upon request. supplied with waterproof cable and connector IP68.

Very low power requirements with wide voltage supply between 3.3 and 5.0 volts. Average current consumption at 3.3v is 12mA.

This sensor is excellent for battery based systems wether it is for single or multiple sensor applications.

Applications

- Lakes, Rivers & Streams
- Fish tanks
- Wine making
- Hydroponics
- Environmental monitoring

