



The Dissolved Oxygen(DO) Sensor design based on the principle of fluorescence and high performance through oxygen membrane, with short response time, measurement accuracy, stable performance, etc. It can be widely used in chemical fertilizer, metallurgy, environmental protection water treatment engineering, pharmaceutical, biochemical, food, aquaculture and water such as continuous monitoring of dissolved oxygen in the solution.

### FEATURES

- On-line & real-time measurement
- With temperature compensation
- High accuracy
- Simple operation and high reliability
- Long service life
- Dissolved oxygen and temperature measurement at the same time(RS485)
- No requirement for liquid velocity

### SPECIFICATIONS

Item	Technical Specification
Range	0-20mg/L
Accuracy	±1.5%FS
Resolution	0.01mg/L
Supply	7-30V DC, <0.2W
Output	RS485
Temperature Compensation	0-+60°C
Sensor Drift	≤0.3%FS/24h
Response Time	<1S
Temperature Compensation	0-60°C
Operating Environment	0-+60°C, <0.6MPA
Ingress Protection	IP68
Cable Length	Standard 5m
Shell Material	316L



“Smart Farm”

