



## Industrial Dissolved Oxygen Meter

Model : DOG-2092



DOG-2092 is industrial and online dissolved oxygen meter, it's easy operation, stable accuracy on the premise of guaranteed performance. The clear display, simple operation and high measuring performance provide it with high cost performance. It can be widely used for continuous monitoring of the dissolved oxygen value of the solution in thermal power plants, chemical fertilizer, metallurgy, environmental protection, aeration tank, pharmacy, biochemical engineering, foodstuff, running water and many other industries. It can be equipped with DOG-209F/FA Polarographic Dissolved Oxygen Electrode and can do ppm level measurement.

### Technical Indexes

1. Measuring range: 0.00~19.99mg / L Saturation: 0.0~199.9%
2. Resolution: 0.01 mg / L, 0.01%
- 3 Accuracy:  $\pm 1.5\%$  F.S
4. Control range: 0.00~19.99mg / L 0.0~199.9%
5. Temperature compensation: 0~60°C
6. Output signal: 4-20mA isolated protection output, Allowable maximum load of 500  $\Omega$ .
7. Communication: RS485 Modbus
8. Control mode: On/Off relay, Relay load: Maximum: AC 230V 5A/AC 115V 10A
9. On-ground voltage insulation Degree: minimum load of DC 500V
10. Operating voltage: AC 220V 10%, 50/60Hz
11. Dimensions: 96 × 96 × 115mm, Dimension of the hole: 92 × 92mm
12. Instrument working conditions:
  - ① Ambient temperature: 5 - 35 °C
  - ② Air relative humidity:  $\leq 80\%$
  - ③ Except for the earth magnetic field, there is no interference of other strong magnetic field around.