



GE-134

Dissolved oxygen meter

Applications: Power Station、Petrochemical、Metallurgy、Mining industry、Paper industry、Fermentation Engineering、Medicine、Food & Beverage、Environmentally friendly water treatment、Aquaculture、Modern farming。

Instrument Features

- Flexibility, reliability and low maintenance
- **128*64** Large LCD display
- Menu operation mode
- Temperature compensation
- Two group of alarm relay
- RS485//RS232 Communication Interface Optional
- Temperature output current signal optional
- Password protection

Technique features

- (1) Measuring range:
Dissolved oxygen: 0.2~25.0mg/L;
0.0~200μg/L;
temperature: -5~110.0°C;
- (2) Resolution:
Dissolved oxygen: 0.01mg/L; 0.1μg/L;
temperature: 0.1°C;
- (3) The basic error:
Dissolved oxygen: ± 0.2mg/LF·S;
± 0.2μg/LF·S;
temperature: ±0.3°C;

- (4) The automatic or manual temperature compensation range: 0~110°C;
- (5) The remain signal of electrode: <1‰;
- (6) Response time(90%final):
<60seconds(25°C) or <30seconds(35°C);
- (7) The stability:
<2%F.S every week(normal temperature and normal pressure)
- (8) Current output:
0~10mA (load resistance <1.5KΩ);
4~20mA (load resistance <750Ω);
- (9) Two group of alarm relay:
3A 240VAC, 6A 28VDC 或 120VAC;
- (10) power supply:
220VAC±10%, 50±1Hz,
power consumption≤3W;
24VDC, power consumption: ≤1W;
- (11) The dimension:
96(length)×96(width)×130(depth)mm;
- (12) Installation way: panel installation;
The tapping size of electronic unit:
91×91mm;
- (13) Optional features optional 1:
RS485//RS232 Communication Interface;
- (14) Optional features optional 2:
Temperature signal output: 0~100°C;
- (15) The electronic unit weight: 0.6kg;
- (16) Operating conditions :
Ambient temperature : -10~60°C;
Relative humidity: no bigger than 90%;
There are no corrosive gas around;
There are no other magnetic fields or electromagnetic fields which produce the negative effect except the earth magnetic field.

Dissolved Oxygen Electrode:

- * **SOD-01:** 0.2 ~ 25mg/L 0~60C (sewage, industry water, fishpond water);
- * **SOD-02:** 0 ~ 200μg/L 0.2 ~ 25mg/L 0 ~110C (Boiler Deaerator, trace oxygen water);
- * **SOD-03:** 0 ~ 200μg/L 0.2 ~ 25mg/L 0 ~130C (Fermentation & Medicine)