



GE-131MP

Multi-Parameter Monitor

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
- Four group of alarm relay
- Two groups output
- RS485//RS232 Communication Interface Optional
- Password protection

Technique features

- (1) Measuring range:
 - pH: 0~14.00pH;
 - ORP: -1999~+1999mV;
 - Conductivity: 0~20 μS/cm K=0.01
 - Conductivity: 0~200 μS/cm K=0.1
 - Conductivity: 0~10mS/cm K=1.0
 - Conductivity: 0~20mS/cm K=10.0
 - Conductivity: 0~100mS/cm K=30.0
 - Temperature: -5~110.0℃;
- (2) Resolution:

pH: 0.001pH; ORP: 1mV;
 Conductivity: 0.001μS/cm; 0.01 mS/cm;
 Temperature: 0.1℃;

- (3) The basic error:
 - pH: ±0.01pH; ORP: ±2mV;
 - Conductivity: ±0.5%F·S;
 - Temperature: ±0.3℃;
- (4) The temperature compensation range: 0~110℃;
- (5) The stability:
 - pH: ≤0.02pH/24h;
 - ORP: ≤2mV/24h;
 - Conductivity: ±0.2%F·S/24h;
- (6) Current output:
 - 0~10mA (load resistance <1.5KΩ);
 - 4~20mA (load resistance <750Ω);
- (7) Four group of alarm relay: 3A 240VAC, 6A 28VDC 或 120VAC;
- (8) Power supply:
 - 220VAC±10%, 50±1Hz,
 - power consumption≤3W;
 - 24VDC, power consumption: ≤1W;
- (9) The dimension: 96(length)×96(width)×125(depth)mm;
- (10) Installation way: panel installation;
 The tapping size of electronic unit: 91×91mm;
- (11) Optional features optional:
 RS485//RS232 Communication Interface,
- (12) The electronic unit weight: 0.6kg;
- (13) Operating conditions :
 - Ambient temperature : -10~60℃;
 - 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.

PH/ORP Electrode:

- * PHD-01: 1-14PH 0~80C glass electrode for sewage, industry water, river water
- * PHD-02: 1-14PH 0~80C glass electrode for pure water, Boiler water
- * PHD-03: 1-14PH 0~80C Antimony electrode for Hydrofluoric water
- * PHD-04: 1-14PH 0~130C PTFE glass electrode for High Temperature water
- * PHD-05: 1-14PH 0~130C Easyferm Plus 120 electrode for Fermentation & Medicine

Conductivity Electrode:

- * CED-01: 0 ~ 20 S/cm K=0.01 0~60C
- * CED-02: 0 ~ 200 S/cm K=0.1 0~60C
- * CED-03: 0 ~ 20 S/cm K=0.01 0~150C
- * CED-04: 0 ~ 200 S/cm K=0.1 0~150C
- * CED-05: 0 ~ 1000 S/cm K=1.0 0~60C
- * CED-06: 0 ~ 20mS/cm K=10.0 0~60C
- * CED-07: 0 ~ 100mS/cm K=30 0~150C

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