



GE-136 Acid & Alkali Concentration 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
- * Temperature compensation automatically
- * 2 alarm relay, 4~20mA or 0~10mA
- * High / Low Limit control & hysteresis control
- * RS485//RS232 Communication Optional
- * Menu operation mode & Password protection

Technique features

1. Measuring Range:
 - * Concentration: 0~10% for acid; 0~15% for alkali;
 - * Medium: HCl, sulfuric acid H₂SO₄, NaOH, NaCl, HNO₃, Na₂CO₃
 - * Temperature: -5C ~ 110.0C
2. Resolution:
 - * Concentration: 0.01%
 - * Temperature: 0.1C
3. The Basic Error:
 - * Concentration: ±0.25% FS;

- * Temperature: ±0.3C
- (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: ±0.25% 24hours
- (8) Current output:
 - 0~10mA (load resistance <1.5K Ω);
 - 4~20mA (load resistance <750 Ω);
- (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%;