W8588CL Chloride ion monitor

The industrial online ion monitor is an online water quality monitoring and control instrument with a microprocessor. This instrument is equipped with various types of ion electrodes and is widely used in power plants, petrochemicals, metallurgy electronics, mining, papermaking, biological fermentation engineering, medicine, food and beverage, and environmental water treatment. It continuously monitors and controls the ion concentration values of water solutions.

Instrument features:

- **Large LCD color liquid crystal display**
- **Intelligent menu operation**
- **Historical data recording**
- **Multiple automatic calibration functions**
- **Differential signal measurement mode, stable and reliable**
- **Manual and automatic temperature compensation**
- **Three sets of relay control switches**
- **High limit, low limit, and hysteresis value control**
- **4-20mA & RS485 multiple output methods**
- **Displaying ion concentration, temperature, current, etc. on the same interface**
- **It also has password protection to prevent**
- **unauthorized personnel from making mistakes**

Technical specification

（1）Measurement range (depending on electrode range):
Concentration: 1.8 - 35500 mg/L;
(Solution pH value: 2 - 12 pH)
Temperature: -10 - 150.0℃;
(2) Resolution:
Concentration: 0.01/0.1/1 mg/L;
Temperature: 0.1℃;
(3) Basic error:
Concentration: ±5 - 10% (depending on electrode range);
Temperature: ±0.3℃;
(4) 2-channel current output:
0/4 - 20 mA (load resistance < 750Ω);
20 - 4 mA (load resistance < 750Ω);
(5) Communication output: RS485 MODBUS RTU;
(6) Three groups of relay control contacts:
5A 250VAC, 5A 30VDC;
(7) Power supply (optional):
85－265 VAC ± 10%, 50 ± 1 Hz, power ≤ 3W;
9 - 36 VDC, power: ≤ 3W;
(8) External dimensions: 235 * 185 * 120

mm;

(9) Installation method: wall-mounted;

(10) Protection level: IP65;

(11) Instrument weight: 1.2 kg;

(12) Instrument working environment:

Environmental temperature: -10 - 60℃;

Relative humidity: not more than 90%;

No strong magnetic field interference except the Earth's magnetic field.