

CL-2059-01 Online Residual Chlorine Sensor User Manual

Model: CL-2059-01 Industrial Online Residual Chlorine Sensor (Constant Voltage Principle)

Features:

- ◆ Constant voltage principle sensor is used to measure water chlorine, chlorine dioxide, ozone. Constant voltage measurement method is the measurement of the sensor end to maintain a stable electric potential, different components have different current measured at the electric potential strength. It consists of two platinum sensors and a reference sensor composed of a micro-current measurement system. Water flowing through the measuring sensor samples chlorine, chlorine dioxide, ozone will be consumed, therefore, must maintain a continuous flow of water samples by measuring sensor measurements.
- ◆ Constant voltage measurement method is through the secondary instrument to measure the electric potential between the sensors were continuously dynamic control, eliminating the kind of impact resistance inherent in the measured redox potential of water, the sensor measured current signal and the measured concentration in water samples formed between a good linear relationship with a very stable zero point performance, to ensure accurate and reliable measurements.
- ◆ CL-2059-01-type constant voltage sensor is simple in structure, glass appearance, the front-line chlorine sensor glass bulb, easy to clean and replace. When measuring, you must ensure that flows through the CL-2059-01-type chlorine flow rate measuring sensor stability.

Technical Parameters:

1. sensors: glass bulb, Platinum (inside)
2. Reference sensor: gel with annular contacts
3. Body Material: Glass
4. Cable length: 5 m silver-plated three-core cable
5. Working pressure: 10bar at 20 °C
6. Dimensions: length 110mm, 12mm diameter

Wiring of Sensor:

CL-2059-01 chlorine sensor connected to meter location: SENSOR- - "7", "8", "9"

WH (red line) ---- posts: "7"

RE (black line) ---- posts: "8"

BL (green line) ---- posts: "9"

