



unauthorized personnel from making accidental operations.

Suspended solids (sludge) technical parameter : concentration meter

Typical Application

Water treatment plant (sedimentation tank), paper mill (pulp concentration), coal washing plant (sedimentation tank), power plant (ash slurry sedimentation tank), wastewater treatment plant (inlet/outlet, aeration tank, return sludge, primary sedimentation tank, secondary sedimentation tank, thickening tank, sludge dewatering)

Instrument Features:

- **LCD color liquid crystal display**
- **Smart Menu Operations**
- **Manual or automatic temperature compensation**
- **Three relay-controlled switches**
- **Upper limit, lower limit, hysteresis control**
- **4-20 mA & RS485: Multiple output options**
- **The same interface displays concentration values, temperature, current values, etc.**
- **A password can be set to prevent**

(1) Measurement range (based on the sensor range):

(2) 0 ~ 200000mg/L;

(2) Measurement units: mg/L, g/L;

(3) Resolution: 0.001/0.01/0.1/1;

(4) Dual-channel current output:

0.4–20 mA (load resistance <750 Ω);

20–4 mA (load resistance <750 Ω);

(5) Communication output: RS485 MODBUS RTU;

(6) Two sets of relay control contacts:

3A 250VAC, 3A 30VDC;

(7) Power supply (optional):

85–265 VAC ±10%, 50 ±1 Hz, power ≤3 W;

9–36 VDC, power: ≤3 W;

(8) Dimensions: 98×98×130 mm;

(9) Installation methods: panel-type, wall-mounted;

Panel opening dimensions: 92.5 × 92.5 mm;

(10) Protection rating: IP65;

(11) Instrument weight: 0.6 kg;

(12) Instrument operating environment:

Environmental temperature: -10 to 60°C;

Relative humidity: no more than 90%;

There are no strong magnetic field disturbances around it other than the Earth's magnetic field.