



prevent unauthorized personnel from accidental operation.

Suspended Solids (Sludge) Concentrator technical parameter :

Typical Applications

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

Instrument characteristics:

- Large LCD color liquid crystal display screen
- Smart menu operations
- Data records & curve display
- Three-group relay control switch
- Upper limit, lower limit, and hysteresis control
- 4-20mA & RS485 with multiple output options
- The same interface displays concentration values, temperature, current values, etc.
- Password protection can be set to

- (1) Measurement range (based on 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 to 20mA (load resistance <math><750\Omega</math>);
 - 20 ~ 4mA (load resistance <math><750\Omega</math>);
- (5) Communication output: RS485 MODBUS RTU;
- (6) Three sets of relay control contacts:
 - 5A 250VAC, 5A 30VDC;
- (7) Power supply (optional):
 - 85 ~ 265VAC $\pm 10\%$, 50 ± 1 Hz, power ≤ 3 W;
 - 9~36VDC, power consumption: ≤ 3 W;
- (8) External dimensions: 144×144×118 mm;
- (9) Installation methods: panel-type, wall-mounted type, and duct-type;
 - Panel opening dimensions: 137 × 137mm;
- (10) Protection rating: IP65;
- (11) Instrument weight: 0.8 kg;
- (12) Instrument operating environment:
 - Environmental temperature: -10 to 60°C;

Relative humidity: not exceeding 90%;

There is no strong magnetic field interference around except for the Earth's magnetic field.