



## T4072 Online Turbidity Meter

### Typical application

Turbidity monitoring of water leaving water treatment plants; Water quality monitoring of municipal pipelines;

Water quality monitoring in industrial processes, including circulating cooling water, activated carbon filter effluent, and membrane filtration effluent.

### Instrument characteristics:

- LCD Color Liquid Crystal Display
- Smart menu operations
- Manual or automatic temperature compensation
- Three-group relay control switch
- Upper limit, lower limit, and hysteresis control
- 4-20mA & RS485 with multiple output options
- The same interface displays turbidity values, temperature, current values, etc.
- Password protection can be set to prevent unauthorized personnel from accidental operation.

### technical parameter :

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

0.001 ~ 9999NTU;

(2) Unit selection: NTU, mg/L;

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

(4) Dual-channel current output:

0/4 to 20mA (with a load resistance of  $<750\Omega$ );

20 ~ 4mA (load resistance  $<750\Omega$ );

(5) Communication output: RS485 MODBUS RTU;

(6) Relay control contacts for both groups:

3A 250VAC, 3A 30VDC;

(7) Power Supply (Optional):

85 ~ 265VAC  $\pm 10\%$ , 50  $\pm 1$ Hz, power  $\leq 3$ W;

9~36VDC, power consumption:  $\leq 3$ W;

(8) External dimensions: 98×98×130 mm;

(9) Installation method: Panel-mounted or 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: not exceeding 90%;

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