



Model W8500G Online Turbidity Meter

Typical Applications

Turbidity monitoring of effluent water in waterworks

Water quality monitoring of municipal pipe networks

Industrial process water quality monitoring, including circulating cooling water, effluent from activated carbon filters, effluent from membrane filters, etc.

Instrument Features:

- Large-screen LCD display
- Intelligent menu operation
- History date logging
- Manual or automatic temperature compensation
- Three groups of relay control switches
- High-limit, low-limit and hysteresis control
- Multiple output modes: 4-20mA & RS485
- Simultaneous display of turbidity value, temperature and current value on the same interface

- Password protection function to prevent misoperation by unauthorized personnel

Technical parameters:

(1) measuring range (according to the sensor range):

Turbidity : 0.001 ~ 9999NTU ;
0.001~9999ntu;

Temperature: -10~150℃;

(2) unit:

Turbidity: NTU、mg/L; c, f

temperature: ℃、℉

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

(4) 2-way current output:

0/4 ~ 20mA (load resistance <500 Ω);

20~4mA(load resistance <500 Ω);

(5) communication output: RS485 MODBUS RTU;

(6) three sets of relay control contacts:
5A 250VAC, 5A 30VDC;

(7) power supply (optional):

85~265VAC ±10%, 50 ±1Hz, power ≤ 3W;

9~36VDC, power: ≤3W;

(8) overall dimensions: 235*185*120mm;

(9) installation method: wall-mounted;

(10) protection level: IP65;

(11) instrument weight: 1.5kg;

(12) instrument working environment:

ambient temperature: -10~60℃;

relative humidity: not greater

than 90%; there is no strong magnetic interference around except the earth magnetic field.