JNC

濁度計(RS485 型)

Turbidimeter Sensor (RS485 Type)

TB-485

[Features]



- Principle: complies with EPA method NIEA W219.52C.
  IR light with 90° scattered-light detection of turbidity.
- Housing: SUS316L stainless steel with POM, corrosion resistant.
- RS-485 digital interface with standard Modbus RTU.
- Built-in wiper stops fouling and bubbles; interval is adjustable.
- Runs one cleaning cycle automatically at power-on.
- Sapphire window; immune to interference and colour.
- Sample-based calibration allows on-site adjustment.
- Range 0~4000 NTU, tap water to high-turbidity wastewater.
- IP68 rated, CNS 14165 tested for long-term submersion.

[Applications] Wastewater, reclaimed water, aquaculture, rivers and lakes.

[Model Selection]

TB-485-Code 1-N-N

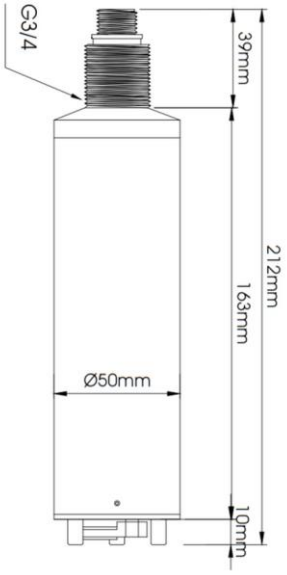
Code 1	Sensor Cable	Code 1	Sensor Cable
10N	10 m + Bare Wire	10C	10 m + Quick Conn.
Value N	Length + Bare Wire	Value C	Length + Quick Conn.

※RS485 Type: Code 2 and Code 3 are fixed at N

[Specifications]

Principle	90° IR Scattered Light
Range	0~4000 NTU
Det. Limit	0.5 NTU
Resolution	0.01 NTU
Accuracy	±5%
Temp. Range	0°C ~ 45°C, auto comp.
Max. Press.	0.2MPa
Calibration	Standard or Sample
Interface	RS-485 Modbus RTU
Power	9~36VDC
Consumption	1.0W (wiping) / 0.5W
Dimensions	Ø50*212mm
Protection	IP68 (CNS 14165)
Housing	SUS316L, POM

[Dimensions] Unit:mm



JNC

濁度計(Wi-Fi 型)

Turbidimeter Sensor (Wi-Fi Type)

TB-485

[Features]

- Principle: complies with EPA method NIEA W219.52C. IR light with 90° scattered-light detection of turbidity.
- Housing: SUS316L stainless steel with POM, corrosion resistant.
- Dual RS-485 and Wi-Fi interfaces; RS-485 runs standard Modbus.
- Built-in wiper stops fouling and bubbles; interval is adjustable.
- Runs one cleaning cycle automatically at power-on.
- Sapphire window; immune to interference and colour.
- Sample-based calibration allows on-site adjustment.
- Range 0~4000 NTU, tap water to high-turbidity wastewater.
- IP68 rated, CNS 14165 tested for long-term submersion.



[Applications] Wastewater, reclaimed water, aquaculture, rivers and lakes.

[Model Selection]

TB-485-Code 1-Code 2-W

Code 1	Sensor to Wi-Fi Box	Code 2	Wi-Fi Box to Host
10N	10 m + Bare Wire	3N	3 m + Bare Wire
		3C	3 m + Quick Conn.
10C	10 m + Quick Conn.	10N	10 m + Bare Wire
		10C	10 m + Quick Conn.
Value N	Length + Bare Wire	20N	20 m + Bare Wire
		20C	20 m + Quick Conn.
Value C	Length + Quick Conn.	Value N	Length + Bare Wire
		Value C	Length + Quick Conn.

[Specifications]

Principle	90° IR Scattered Light
Range	0~4000 NTU
Det. Limit	0.5 NTU
Resolution	0.01 NTU
Accuracy	±5%
Temp. Range	0°C ~ 45°C, auto comp.
Max. Press.	0.2MPa
Calibration	Standard or Sample
Interface	RS-485, Wi-Fi web
Power	9~36VDC
Consumption	1.0W (wiping) / 0.5W
Dimensions	Ø50*212mm
Protection	IP68 (CNS 14165)
Housing	SUS316L, POM

[Dimensions] Unit:mm

