JNC 第四代餘氯計 Residual Chlorine Sensor

CL485

[Features]



- All-in-one: IoT transmitter and sensor built in, ready on power-up.
- IP68 corrosion-resistant body, submersible without a guard tube.
- Ultra-low power for large-scale green IoT deployment.
- Rugged isolated cable, ready to deploy, with stable signals.
- Power and IoT lines surge-isolated.
- Dual digital interfaces: RS-485 and Wi-Fi.
- Standard Modbus RTU protocol connects to any IoT platform.
- Stores calibration data: calibrate first, then install on site.
- Operate on site from a phone browser.
- Scan the QR code to join device Wi-Fi and open its web page.
- Firmware updates (OTA) from the web page, no tools needed.
- Easy calibration: swap the cap for a standard-solution bottle.
- 3-point calibration with standards or samples of known value.
- Holds last reading in calibration/cleaning; status readable.
- Last 3 calibration records (date/slope/points) via Web & RS-485.

[Applications] Wastewater, seawater, groundwater, aquaculture, rivers and lakes.

[Model Selection]

CL485-Code 1-Code 2-Code 3

Code 1	Function	Code 2	Connector	Code 3	Cable / Hose Length
N	No auto-clean	C	Quick plug	3N	3 m + bare wire
				3C	3 m + quick plug
				10N	10 m + bare wire
				10C	10 m + quick plug
A24	Auto-clean, 24VDC pump	F	Cable gland	20N	20 m + bare wire
				20C	20 m + quick plug
				xN	x m + bare wire
				xC	x m + quick plug

C: Quick plug



F: Cable gland



[Specifications]

Residual Chlorine		Temperature	
Range	0~20 mg/L Slope 70~130%	Sensor	NTC30K
		Range	-10~120°C, ATC
		Accuracy	±0.2°C
Accuracy	±5 % F.S	Resolution	0.1°C
Resolution	0.01 mg/L	Repeatability	0.1°C
Op. Temp.	0~60.0 °C	Others	
Response	T90 < 5 s	Top Thread	3/4" NPT thread
Interface	RS-485 Modbus RTU Wi-Fi web page, no app needed QR code opens the web page (192.168.1.80)	Base Thread	M42 thread
		Housing	PP, food grade, acid/alkali-proof
		Electrode	Glass
		Size	ø50*L213.9mm
		Weight	≤340 g
		Power	Cleaning: 24 VDC (opt.) No cleaning: 9~36 VDC
Approvals	CE (EU) FCC (US)	Consumption	Cleaning: 6.8 W No cleaning: 0.8 W
		IP Rating	IP68
Technical			
Data Res.	16-bit (0.001% F.S)	Surge Prot.	8000VDC
Protection	Polarity, overload, shorts	Installation	Submersion, tee or insertion

[Dimensions] Unit: mm

