DCbox

INTEGRATED RESIDUAL CHLORINE TRANSMITTER

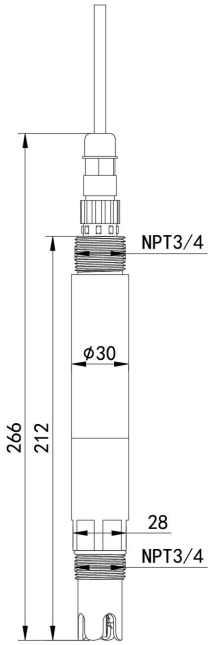
DCRS-CL

- This product is a device for measuring the residual chlorine concentration (hypochlorite and hypochlorite concentration) in water bodies.
- This product is applicable to automatic dosing of circulating water, chlorination control of swimming pool, and accurate measurement of residual chlorine content in water solution by drinking water treatment plant, drinking water distribution network, swimming pool and hospital wastewater.
- The measurement range is 0-2mg/L, 0-10mg/L, 0-20mg/L and the resolution is 0.01mg/L.
- Integrated design directly outputs 485 signals to eliminate signal interference.
- 3/4 upper and lower mounting thread design, easy to install.
- Protection grade IP68.
- The advanced non membrane constant voltage sensor is adopted, without replacing the membrane and the reagent.
- RS485 communication interface: MODBUS RTU communication protocol can be easily connected to the computer for monitoring and communication.
- ModBus communication address can be set and baud rate can be modified.
- The equipment adopts wide voltage power supply DC 7~30V.

SPECIFICATION

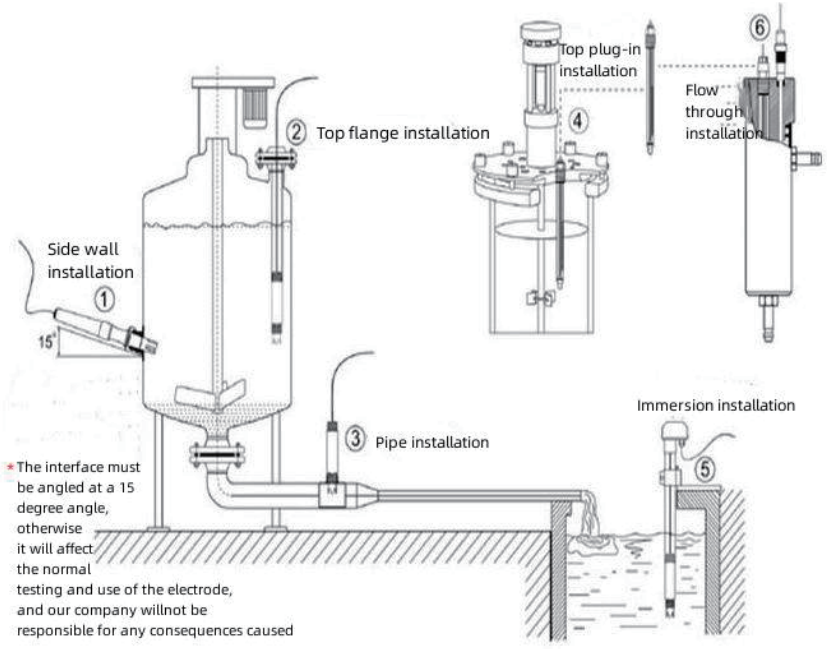
- Power supply: DC 7~30V
- Power waste: 0.19W
- Communication interface: RS485; Standard MODBUS-RTU protocol; The communication Baud rate defaults to 4800
- CL Concentration measurement range: 0-2mg/L, 0-10mg/L, 0-20mg/L; resolving power 0.01mg/L
- CL measurement error: ±5%FS
- Repeatability error: ±0.05mg/L
- Response time: <30s
- Equipment working conditions: Ambient temperature: 0-40℃; PH: 4-9; Current Speed: 30~60L/h
- Transmitter withstand voltage: 0.6MPa
- Transmitter line length: Default 5m (10m, 15m and 20m can be customized)
- Transmitter service life: 1year
- Degree of protection: IP68

DIMENSION



Unit: mm

INSTALLATION



ORDER INFORMATION

DCRS-CL-Y-3- **Code1**

Code1	Measuring Range
2	2mg/L
10	10mg/L
20	20mg/L

WIRING CONNECTION

	Color	Description
Power Supply	Brown	Power+(7-30Vdc)
	Black	Power-
Commu-nication	Yellow	485-A
	Blue	485-B