

RK500-19 Chloride ion sensor



The chlorine ion sensor USES an ion-selective electrode of a solid membrane to test the free chlorine ions in water. It can be fast, simple, accurate and economical. Using a proprietary chloride ion probe, the internal reference fluid seeps slowly from the microporous salt bridge at a pressure of at least 100KPa (1Bar). The reference system is very stable and the electrode life is longer than that of ordinary industrial electrodes.

FEATURES

- IP68 protection
- Automatic temperature compensation
- Support RS-485
- Modbus/RTU protocol
- Convenient, fast
- Stable and easy to maintain



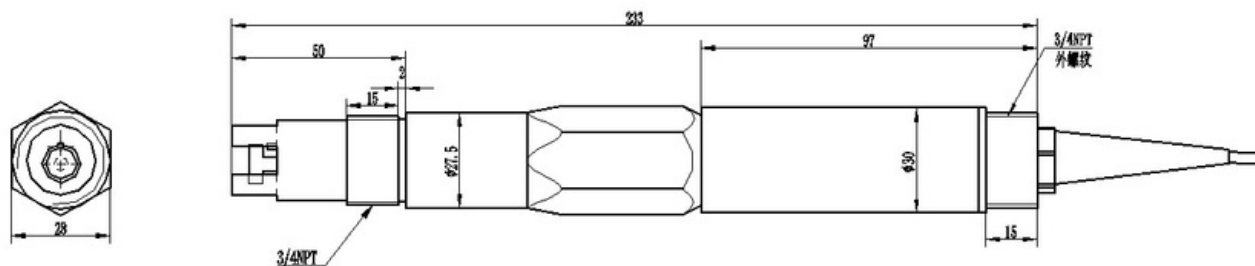
APPLICATIONS

- Water treatment system
- Water quality testing

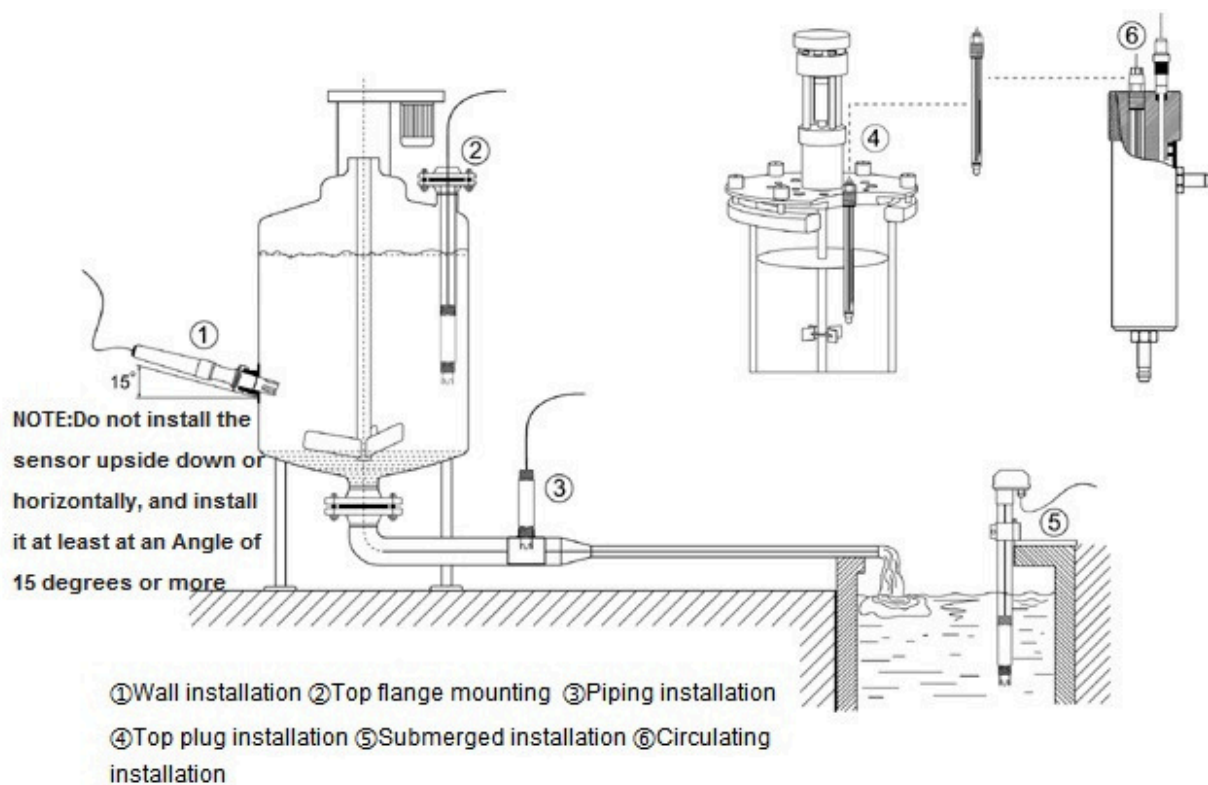
SPECIFICATIONS

Item	Specification
Range	0~32000mg/L
Working temperature	0-40°C
Accuracy	±10%
Resolution	1mg/L
PH range of the medium	2 ~ 12 pH
Power	12-24VDC
Power consumption	<0.5W
Output	RS485(Modbus-RTU)
Main material	PVC and POM
Protection class	IP68
Temperature compensation	Automatic temperature Compensation (Pt100)
Pressure of work	< 0.1 MPa
Cable length	5 m(default), customizable
installation	3/4" NPT thread, immersed mounting

INSTALLATION DIAGRAM



INSTALLATION



Complies with applicable CE directives.
Specifications subject to change without notice. Version 3.0
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