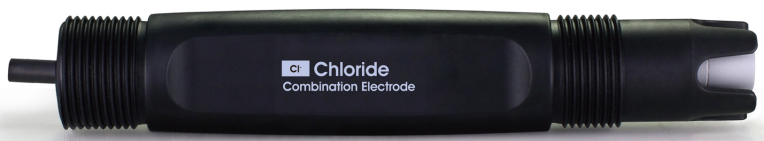


Digital ISE Sensor Series



Review

The online chloride ion sensor uses a solid membrane ion selective electrode for testing chloride ions floating in water, which is fast, simple, accurate and economical.

The design adopts the principle of single-chip solid ion selective electrode, with high measurement accuracy. Double salt bridge design, longer service life.

The patented chloride ion probe, with an internal reference fluid at a pressure of at least 100KPa (1Bar), seeps extremely slowly from the microporous salt bridge. Such a reference system is very stable and the electrode life is longer than the ordinary industrial electrode life.

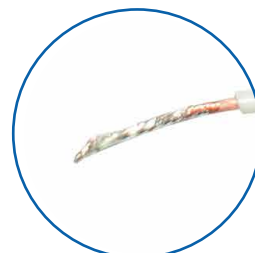
Features



round bulbs, large sensitive area
fast response, stable signal



PP material,
Work well at 0~60°C.



The lead is made of pure copper, which can directly realize remote transmission, which is more accurate and stable than the lead signal of copper-zinc alloy.

Wiring

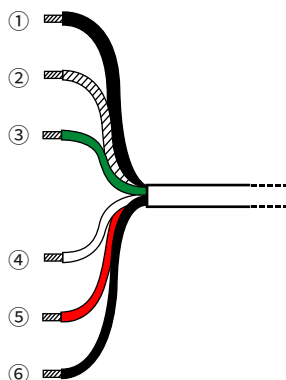
4~20mA output:

- ① Black V-, ② Transparent line V+, Power supply
- ③ Green I+, ④ White I-, Current

- ⑤ Red A, ⑥ Black B, Communication

RS485 output:

- ① Blue V+, ② Yellow V-, Power supply
- ③ Red RS485A, ④ Green RS485B,



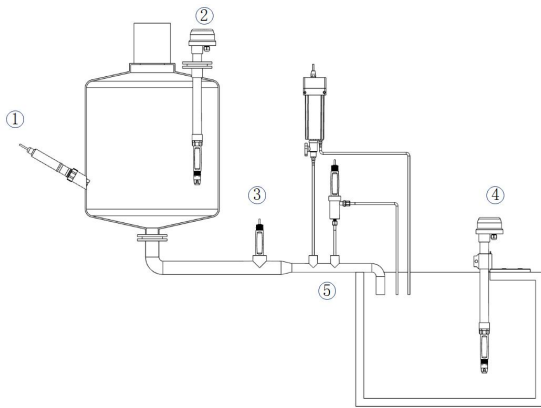


Waterproof and durable
IP68



Adopt PTFE large ring
diaphragm, long life time

Installation

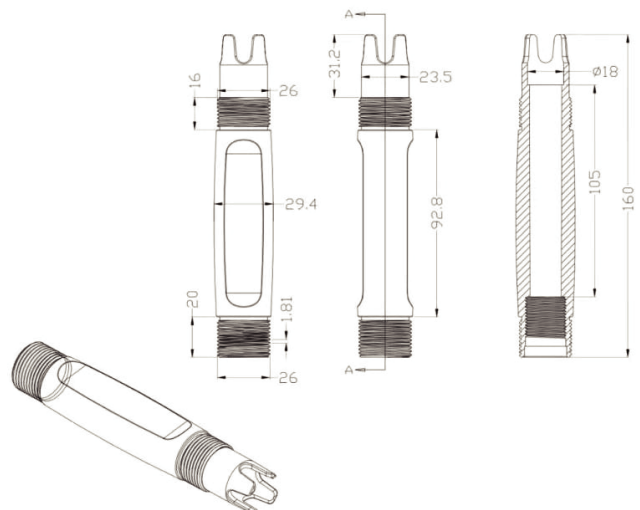


(Common electrode installation)



Technicals

Parameter	Configuration
Measured Range	0~1000mg/L(Customizable)
Principle	Ion selective sensor
Temp Range	0-50°C
Output Signal	RS485 or 4-20mA
Pressure Range	0—0.3MPa
Temperature Sensor	NTC10K
Housing Materials	PP+PVC
Membrane Resistance	<500MΩ
Calibration	Standard liquid calibration
Accuracy	±2.5%
Resolution	0.1mg/L
Connection method	4 or 6 core cable
Threaded connection	NPT3/4"
Cable Length	10m or Customize
Wire Connection	Pin, BNC or Customize



(Overall dimension drawing)