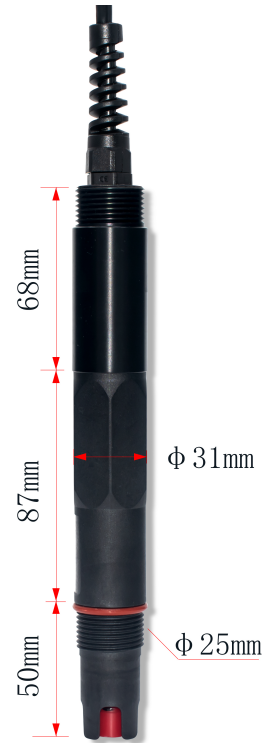


Digital ISE Sensor Series



Review

CS6714SD Ammonium Ion sensor is solid membrane ion selective electrodes, used to test ammonium ions in water, which can be fast, simple, accurate and economical;

The design adopts the principle of single-chip solid ion selective electrode, with high measurement accuracy;

PTEE large-scale seepage interface, not easy to block, anti-pollution Suitable for wastewater treatment in the semiconductor industry, photovoltaics, metallurgy, etc. and pollution source discharge monitoring;

High-quality imported single chip, accurate zero point potential without drift.

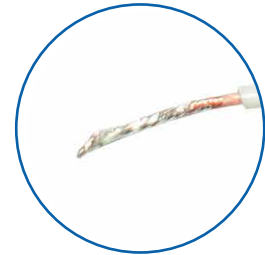
Features



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.

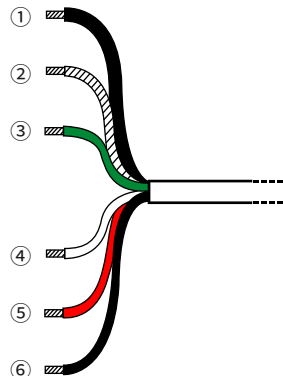
Wiring

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,



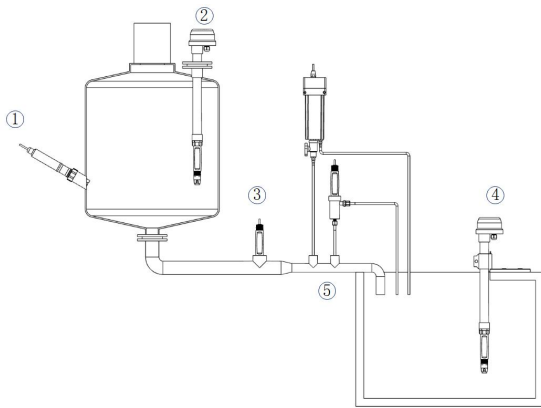


Waterproof and durable
IP68



Adopt PTFE large ring
diaphragm, long life time

Installation

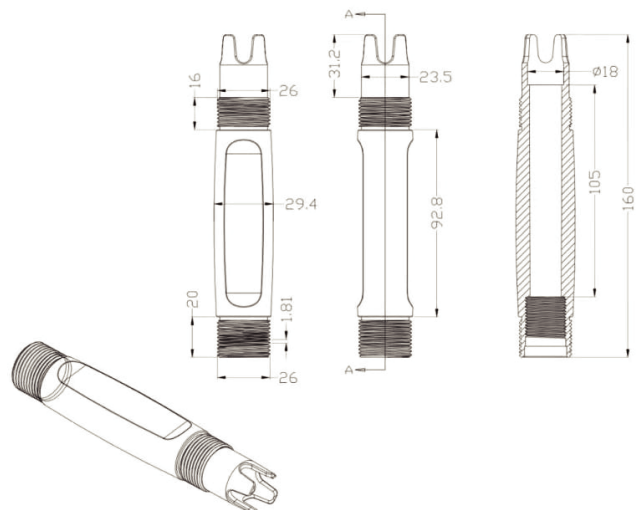


(Common electrode installation)



Technicals

Parameter	CS6714SD
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)