CS6714A Ammonium Sensor (NH4$^+$)

Introduction:

Ion selective electrode is a kind of electrochemical sensor that uses membrane potential to measure the activity or concentration of ions in the solution. When it comes into contact with the solution containing the ions which are to be measured, it will generate contact with the sensor at the interface between its sensitive membrane and the solution. Ion activity is directly related to membrane potential. Ion selective electrodes are also called membrane electrodes. This type of electrode has a special electrode membrane that selectively responds to specific ions. The relationship between the potential of the electrode membrane and the ion content to be measured conforms to the Nernst formula. This type of electrode has the characteristics of good selectivity and short equilibrium time, making it the most commonly used indicator electrode for potential analysis.

Product advantages:

● CS6714S 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 ;

Model No.	CS6714A Ammonium (NH4$^+$)
Measurement range	0.1-1000mg/L or customize
Reference system	PVC membrane ion selective electrode
Membrane resistance	<600MΩ
Housing material	PP
Waterproof grade	IP68
pH range	2-12pH
Accuracy	±0.1 mg/L
Pressure resistance	≤0.1MPa
Temperature compensation	NTC10K,PT100,PT1000 (Optional)
Temperature range	0-80℃
Calibration	Sample calibration, standard liquid calibration
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	NPT3/4"
Application	Water quality and soil analysis, clinical laboratory, ocean survey, industrial process control, geology, metallurgy, agriculture, food and drug analysis and other fields.