CS6015DK Digital NH3-N Sensor

Principle

On-line ammonia nitrogen sensor, no reagents required, green and non-polluting, can be monitored online in real time. Integrated ammonium, potassium (optional), pH and reference electrodes automatically compensate for potassium (optional), pH and temperature in water. It can be directly put into installation, which is more economical, environmentally friendly and convenient than traditional ammonia nitrogen analyzer. The sensor has a self-cleaning brush that prevents microbial adhesion, resulting in longer maintenance intervals and excellent reliability. It adopts RS485 output and supports Modbus for easy integration.

Features

* Digital sensor, RS-485 output, support MODBUS
* No reagents, no pollution, more economical and environmentally friendly
* Automatically compensates for pH and temperature in water

Model No.	CS6015D
Power/Outlet	9~36VDC/RS485 MODBUS RTU
Measure methods	Ion Selective Electrode
Shell material	POM,Maximum diameter 80 mm*length 320 mm
Waterproof rating	IP68
Measurement range	0-1000mg/L
Accuracy	±2.5%
Pressure range	≤0.3Mpa
Temperature compensation	NTC10K
Temperature range	0-50°C
Measuring/Storage Temperature	0-45°C
Calibration	Sample calibration, standard liquid calibration
Connection methods	4 core cable
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	Upper G3/4
Application	General application, river, lake, drink water, environmental protection, etc.