JMX560A Self-cleaning NH_4-N Ammonium Sensor

ELEKTROKEMISK SENSOR

Ion electrode · No reagent · Self-cleaning brush · 0–1000 mg/L · IP68



Product Introduction

The JMX560A online ammonium sensor requires no reagent, is green and pollution-free, and enables real-time online monitoring. It comes standard with an ammonium ion electrode, a pH electrode and a reference electrode (potassium ion optional). During ammonium measurement, automatic pH and temperature compensation improve accuracy. The sensor supports direct immersion installation and, compared with conventional ammonium analyzers, is more economical, eco-friendly and convenient. Its integrated self-cleaning brush prevents microbial fouling for longer maintenance intervals and excellent reliability.

Product Features

- Digital sensor with RS-485 output and MODBUS protocol
- No reagent required, pollution-free, more economical and eco-friendly
- Field-replaceable electrodes for convenient maintenance
- Integrated self-cleaning brush prevents microbial fouling for longer maintenance intervals
- Built-in calibration parameters for convenient on-site use and re-calibration

Applications

Wastewater treatment Environmental monitoring Aquaculture Surface water

Product Specification

Parameter	JMX560A Ammonium Sensor
Measurement principle	Ion electrode method
NH_4-N range	0–100 mg/L or 0–1000 mg/L
NH_4-N accuracy	±10% or ±0.5 mg/L (whichever is greater)
Resolution	0.01 mg/L
pH range	4–10 pH
Temperature range	0–50 °C
Protection class	IP68
Interface	RS-485, MODBUS protocol
Power	0.25 W (idle); 1 W (brushing); DC 9–24 V, ≥1 A
Dimensions	Φ64 mm × 271 mm (with protective cap)
Cable length	10 m (default), customizable
Calibration	1-point or 2-point
Material	POM

Specifications are based on laboratory standard-environment conditions. · Just-measure ApS · djb@just-measure.com · www.just-measure.com