JM561A

NH_4-N Ammonium Sensor

ELEKTROKEMISK SENSOR

Ion electrode · No reagent · 0–1000 mg/L · POM + 316L body · IP68



Product Introduction

The JM561A 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. RS-485 output with MODBUS protocol enables easy integration.

Product Features

- Digital sensor with RS-485 output and MODBUS protocol
- No reagent required, pollution-free, more economical and eco-friendly
- Simplified design with ultra-high cost-performance
- Ion electrode method, no electrolyte, individually replaceable electrodes for easy maintenance
- Built-in calibration parameters for convenient on-site use and re-calibration

Applications

Wastewater treatment
Environmental monitoring
Aquaculture
Surface water

Product Specification

Parameter	JM561A 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 (DC 9–24 V, ≥1 A)
Dimensions	Φ36 mm × 265 mm (with protective cap)
Cable length	10 m (default), customizable
Calibration	1-point or 2-point
Material	POM + 316L (titanium alloy optional)

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