JM4007

Integrated CTD Sonde

OCEANOGRAFISK SENSOR

4-in-1 CTD measurement · 0–200 m depth · 316L + PEEK body · RS-485 MODBUS · Compact



Product Introduction

The JM4007 integrated CTD sonde features a compact, highly integrated design dedicated to long-term online water monitoring, measuring four key parameters in real time — temperature, conductivity (salinity) and depth — to deliver precise data support for coastal ecological research. Built around a small-form, high-performance design philosophy, it substantially reduces size and weight for easy installation and deployment while supporting on-site cleaning. Withstanding water pressure up to 200 meters, it reliably handles coastal waters, groundwater, lakes, reservoirs and other complex aquatic environments.

Product Features

- Fully digital sensor with RS-485 output and standard MODBUS protocol
- Dedicated to long-term online monitoring, integrating temperature, conductivity (salinity) and depth — four key parameters
- Reduced size and weight while maintaining performance, for easy installation and deployment
- Supports on-site cleaning and user calibration for convenient operation

Applications

Coastal & marine monitoring Groundwater monitoring Lakes & reservoirs Environmental monitoring

Product Specification

Parameter	Temperature | Conductivity (salinity) | Depth
Measurement range	-5 to 50 °C | Cond. 0–100 mS/cm; Sal. 0–80 ppt | 0–200 m
Accuracy	±0.05 °C | ±1% or 0.01 mS/cm (greater) | ±0.1% F.S.
Resolution	0.005 °C | 0.1 µS/cm | 0.01 m
Measuring depth	0–200 m (0–20 bar)
Power	0.2 W (DC 9–24 V, >500 mA)
Interface	RS-485, MODBUS protocol
Temperature range	-5 to 50 °C
Dimensions	Φ22 mm × 220.5 mm
Material	316L + PEEK

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