



Industrial Online Monitoring Instrument Series



Industrial Online Conductivity / Salinity Meter

CON6512

Product Technical Specification | July 2026

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Product Overview

The CON6512 is an industrial online electromagnetic conductivity/salinity meter, 0-500 mS/cm range, no polarization effect, suitable for high-conductivity measurement. IP65, 4-20mA+RS485, dual relay. Ideal for seawater desalination, chemical process, and food & beverage applications.

- Electromagnetic
- 0-500mS/cm
- No Polarization
- IP65
- 4-20mA+RS485

Key Features



Electromagnetic Principle
No polarization, suitable for high-conductivity measurement.



4-20mA+RS485
Isolated 4-20mA + RS485.



Dual Relay Control
Hi/Lo alarm with 2 SPST relays.



IP65 Protection
Dust/water resistant.



Two-Point Calibration
1-point/2-point calibration.



LCD + CN/EN Menu
LCD screen, Chinese/English menu.

Technical Specifications

Parameter	Specification
Model	CON6512
Principle	Electromagnetic
Conductivity Range	0-500 mS/cm
Salinity Range	0.0-260.0 g/L
Resolution	0.001 mS/cm - 0.1 mS/cm
Accuracy	+/-0.5% F.S.
Detection Limit	Not listed on website; resolution 0.001mS/cm
Temperature Range	-10.0-110.0C
Temp Accuracy	+/-0.3C
Temp Input	22KΩ / PT1000
Mounting	Wall or panel mount
Output	4-20mA (isolated)
Comm.	RS485 (optional)
Relay	2x SPST (2.5A 230VAC)
Cleaning/Alarm	Optional 3rd
Power	85-260VAC or 12-36VDC
Operating Env.	0-60C, <90%RH
Protection	IP65

Dimensions	Wall 158x188x108 mm / Panel 108x108x156 mm
Weight	Wall 0.7 kg / Panel 0.6 kg
Maintenance	Electromagnetic - no electrode contact, maintenance-free; periodic cal only

Typical Applications

- ▶ Seawater desalination conductivity
- ▶ Chemical process conductivity control
- ▶ Food/beverage CIP cleaning conductivity
- ▶ High-concentration salt/acid conductivity

Ordering Guide

Product Code	Description
CON6512	Wall/panel controller + electromagnetic conductivity probe

Accessories / Consumables

Accessory	Specification	Note
Electromagnetic Conductivity Probe	-	Standard probe

Why Choose Jiuyuhub

**Application-First Matching**
Recommendations based on your operating conditions.

**Southeast Asia Adapted**
Optimized for tropical environments.

**One-Stop Supply**
Water quality, fluid control, flow measurement.

**24-Hour Response**
Fast response to inquiries.

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