



Industrial Online Monitoring Instrument Series



Industrial Online Conductivity Monitor

CON3000C

Product Technical Specification | July 2026

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Product Overview

The CON3000C is an industrial online conductivity monitor with panel mount. Range 0-400 mS/cm, IP65, 4-20mA+RS485, dual relay. Compact panel-mount design ideal for embedded integration. Ideal for pure water, industrial cooling water, and chemical process conductivity monitoring.

- 0-400mS/cm
- IP65
- Panel Mount
- 4-20mA+RS485
- Conductivity

Key Features



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.



Temp/Pressure Comp.
Auto temp + manual pressure compensation.



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

Technical Specifications

Parameter	Specification
Model	CON3000C
Principle	Electrode conductivity method
Conductivity Range	0-400 mS/cm
Resolution	0.001 mS/cm - 0.1 mS/cm
Accuracy	+/-0.5% F.S.
Temperature Range	-10.0-110.0C
Detection Limit	Not listed on website; resolution 0.001mS/cm
Temp Input	22KΩ / PT1000
Mounting	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	108x108x156 mm
Cutout	94.5x94.5 mm

Weight	0.6 kg
Maintenance	Electrode requires periodic cleaning/calibration (1-3 months recommended)

Typical Applications

- ▶ Pure/UPW water conductivity
- ▶ Industrial cooling water conductivity control
- ▶ Chemical process conductivity monitoring
- ▶ RO permeate conductivity monitoring

Ordering Guide

Product Code	Description
CON3000C	Panel controller + conductivity electrode

Accessories / Consumables

Accessory	Specification	Note
Conductivity Electrode	-	K=0.01/0.1/1/10 optional

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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