



CX3000 CONDUCTIVITY RESISTIVITY/SALINITY TRANSMITTER

PRODUCT SPECIFICATION SHEET



SPECIFICATIONS

Measuring Range (Conductivity)	0.00 uS/cm -200.00 mS/cm in 6 ranges 0.001 uS/cm resolution, +/-1% Accuracy
(Resistivity)	0.00-20.0 MΩ/cm, 0.01 MΩ/cm resolution, +/-1% Accuracy 0.0
(Salinity)	-70.0ppt, 0.1ppt resolution, +/-1% Accuracy
Temperature Range	-30 °C to 200 °C, 0.1 °C resolution, 0.2 °C accuracy
Calibration Mode	Any tech & NIST buffers up to 2 points
Cell Constants	0.01, 0.1, 0.5, 10/cm fixed or freely selectable 0.0050 - 19.99/cm
Analog Output 1	0/4 - 20mA, corresponding to Conductivity, Resistivity or Salinity output. Max load 500 Ω
Analog Output 2	0/4 - 20mA, corresponding to temperature output. Max load 500 Ω
Set-Points	Contact: 240V AC, 30V DC 5.0A Max Activate: 2 setpoints Hi/Low, On/Off
Enclosure	NEMA 4X IP65, with push-button control pad. HWD: 144mm (5.67") x 144mm (5.67") x 115mm (4.53")
Panel Cut-Out	138mm (5.43") x 138mm (4.53")
Weight	approx. 0.80kg (1.75lb)
Mounting Options	Panel, Wall or pipe mount
Ambient Temperature	0 °C to 50 °C
Storage Temperature	-20 °C to 70 °C
Temperature Compensation	NTC 30K or Pt1000 RTD wih automatic compensation or manual
Temperature Coefficient	Linear comp 0.00-20.00%, Non-linear comp for natural waters
Power Requirement	100-240V AC +/- 10%, 50/60 Hz
Certification	CE

2 each Voltage isolated (500 V) 4-20mA Outputs
(Conductivity or Resistivity or Salinity and Temperature)

2 Adjustable Hi/Lo Relay/Contacts

Large segmented display indicates Conductivity or Resistivity or Salinity and Temperature simultaneously

NEMA 4X, IP65 enclosure

Programmable wash feature

The CX3000 is a full-featured Conductivity or Resistivity or Salinity controller. Simply power up your CX3000 with 110-240V AC power and you get a controller with a wide range of features:

2 relays, 1 wash control, 2 each 4-20mA outputs (Cond & Temp or Resistivity & Temp or Salinity & Temp).

Calibration is simple with present standard and can be password protected with a programmable security code.

Mounting choices include: wall, panel or pipe with all fittings included.

The large multi-segmented LCD includes a backlight so it can be easily viewed in all areas

ORDERING INFORMATION

Part Number Description

CX3000	Conductivity, Resistivity, Salinity Controller requires 110-240V AC power. 2 relays, 2 each 4-20mA outputs & wash control
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PARTS COVERED BY THIS PRODUCT DATA SHEET INCLUDE: CX3000

DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

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