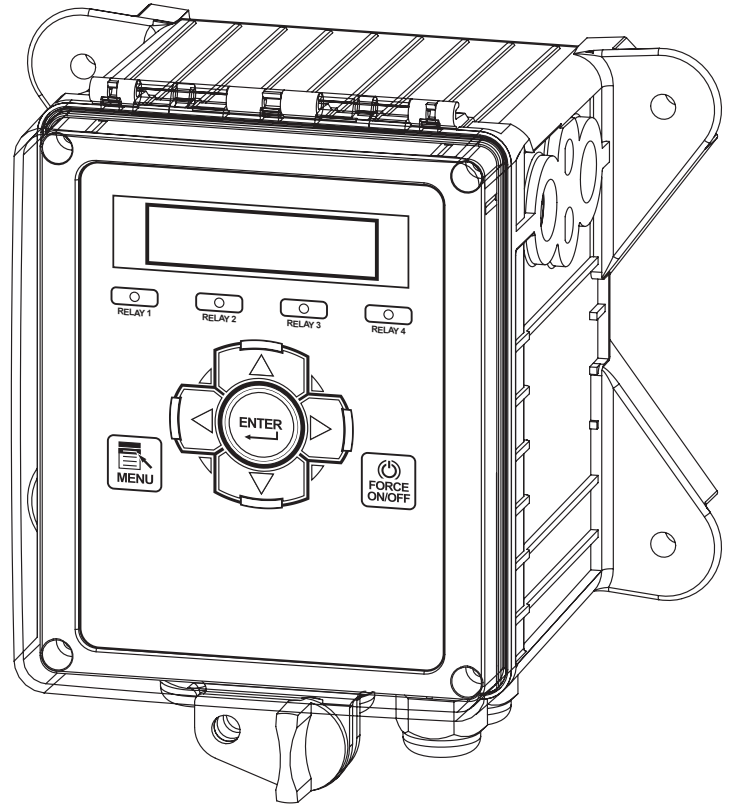


NANOXL Controller

Microprocessor Control of:

- **Conductivity**
- **Feed Timer**
 - Pulse
 - 28-Day
 - Recycle
 - Post Bleed



Key Features

- Compact Design
- Simple Step Through Menu
- NEMA 4X Style Enclosure
- Raised Dome Keypad
- Non-Volatile Memory
- Water Meter Totalizer
- 2 Year Warranty
- mA Options
- Prewired Configuration

Application

The NANOXL is a compact, four relay microprocessor-based controller with many standard features. NANOXL models are available to control conductivity and three selectable feed timers, or four independently programmable feed timers.

The NANOXL platform provides an economical option for conductivity control of tower, boiler and other industrial water systems. Selectable feed timers and an optional 4-20 mA input provides a wide range of chemical feed options.

The NANOXL controllers can control a wide range of system functions including: analog readings and selectable feed timers. Each system control function drives a relay. NANOXL's come with four (4) relay outputs.

Choose a base model and add desired options.

BASE MODELS

Model **NANOXL-** _____ - _____

Conductivity Control & 3 Feed Timers

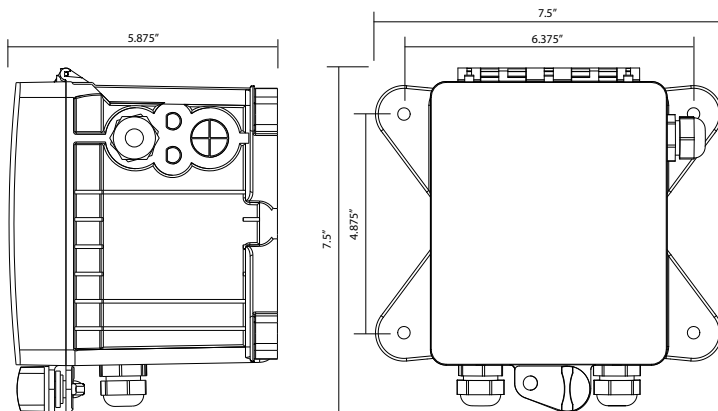
- B0 = Boiler conductivity no probe
- B2 = BE-32C probe, 400°F and 250 PSI max
- C = TE-4A Standard Tower probe; 3/4" PVC slip, 140°F and 150 PSI max
- C0 = Tower Conductivity no probe
- C3 = AH-4ASS 212°F and 250 PSI max, 1" MNPT
- C5 = DC-4ASS Tank mount, PVC 180°F max

Model **NANOXL-F4-** _____

Four Selectable Feed Timers (F4)

OPTIONS

- A = 100-240 VAC conduit connections
- A3 = Liquid tights only, 100-240 VAC
- A7 = Australian power cord (240 VAC)
- E = Standard float style switch PVC assembly 120 PSI (8.2 bar) @ 125°F (51.6°C)
- N1 = One mA input
- N2 = Two mA inputs
- O1 = One mA output
- O2 = Two mA outputs
- V = Isolated 24 VDC power supply for powering mA inputs and outputs
- Y = UL/CSA/CE testing approvals



Dimensions

- W 7.5" (19.05 cm)
- H 7.5" (19.05 cm)
- D 5.875" (14.923 cm)

Shipping Weight

6 lbs. (2.722 kg) approx.

Specifications

Electrical

- Input: 95-240 VAC, 50/60 Hz
- Control: Equal to input voltage (95-240 VAC) fused at 2.5A per relay; Prewired units supplied with an 8' (248.84 cm) power cord and 8" (20.32 cm) output receptacles.
- **Conductivity Scale Ranges:**
 - Low:** 5-1,000µS
 - Mid:** 100-5,000µS
 - High:** 1,000-20,000µS for towers
1,000-10,000µS for boilers
- **Digital Inputs:** From open collector/open drain output or a dry contact. Inputs have 10K Ω pullup to 3.3 VDC.
- **Flow Totalizing Inputs:** From open collector/open drain output or a dry contact. Inputs use 10K Ω pullup to 5 VDC with a max input rate of 2.5 KHz..
- **mA Inputs:** Optical isolation, 250 Ω / 5 VDC @ 20 mA. Loop voltage to not exceed 30 VDC. 40mA of 24 VDC available on input module
- **mA Outputs:** While non-isolated 12 VDC power from unit mas load = 400 Ω. With isolated external 24 VDC power supply, max load = 800 Ω.
- **Display:** LCD 1 x 16 backlit alphanumeric

Timers included:

- **Pulse:** 1-9999 counts, MM:SS run time
- **Recycle:** HH:MM off cycle, MM:SS on cycle
- **28-Day:** Weeks, Days, HH:MM run time
- **With Relay:** HH:MM limit time
- **Post Relay:** 0-100%, HH:MM limit time

Enclosure

Heavy Duty NEMA 4X style, high impact thermoplastic with padlockable gasketed Lexan viewing door

Environment

Ambient temperature: 0° to 125°F (-17 to 52°C)
Relative humidity: 0 to 100%

Electrode

- **TE-4A** 150 psi (10.3 bar) / 140°F (60°C) max
- **DC-4A** 180°F (82.22°C) max tank mount
- **AH-4ASS** 212°F and 250 PSI max
- **BE-32C** 400°F and 250 PSI max

Get the Advantage



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