



## 4TX Line Powered Transmitter for Analog pH & ORP Sensors

Model 4TX Single Channel pH, ORP & Temperature Meter & Analyzer



[4TX Product Specifications \(PDF\)](#)

[4TX Operation Manual \(PDF\)](#)

[4TX Relay Supplement \(PDF\)](#)

[4TX Mounting Schematics \(PDF\)](#)

[4TX Hookup Schematic with Preamp \(PDF\)](#)

[4TX Hookup Schematic without Preamp \(PDF\)](#)

[Guide to quick disconnect Q7M/Q7F snap cable system for ASTi 2TX/4TX transmitters](#)

- pH/ORP MEASUREMENT & CONTROL
- USER SELECTABLE ATC PROBE
- (PT-1000, 10K THERMISTOR & 3K BALCO)

- FOUR PROGRAMMABLE RELAYS FOR pH or ORP
- REVERSIBLE AND ISOLATED 4-20 mA OUTPUT
- BUMPLESS CALIBRATION
- -10 TO + 120 °C TEMPERATURE COMPENSATION
- CUSTOM DESIGN LARGE DISPLAY LCD
- MEMBRANE SWITCH WITH AUDIO FEEDBACK
- AUTOMATIC TEMPERATURE COMPENSATION
- HIGH 50/60 Hz NOISE REJECTION
- POWER DOWN MEMORY BACK-UP
- WATERTIGHT IP65 1/4 DIN ENCLOSURE
- PROGRAMMABLE DELAY FOR WASH RELAY
- CE APPROVED

**RS-485 Communications Protocol Documentation**

**COMPARISON CHART OF 3TX, 2TX & 4TX TRANSMITTERS**

Measurement	Input	Measurement Range	Outputs	Calibration Points	Compatible Sensor(s)	Special Features
pH	Single Channel – pH	pH – 2.00 to 16.00 pH	Current Output Range 4 to 20 mA (isolated), programmable span Maximum Load 500 ohm Accuracy ± 0.02 mA	– Built-in 6 point predefined or manual calibration option.	– User selectable- ATC probe: Pt-1000 thermistor or 3k Balco	– Cost Effective Transmitter for monitoring or control- RS-485 Output
ORP	Single Channel – ORP	mV (absolute) – 2500 to 2500	Current Output Range 4 to 20 mA (isolated), programmable span Maximum Load 500 ohm Accuracy ± 0.02 mA	– Manual calibration option.	– User selectable- ATC probe: Pt-1000 thermistor or 3k Balco	– Cost Effective Transmitter for monitoring or control- RS-485 Output