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