

2TX Loop Powered Transmitter for Analog pH & ORP Sensors

2TX 2-Wire Transmitter for pH, ORP and Temperature Measurements



2TX Product Specifications (PDF)

2TX Operation Manual (PDF)

2TX Mounting Schematics (PDF)

2TX Hookup Schematic WITHOUT Preamp (PDF)

2TX Hookup Schematic WITH Preamp (PDF)

Guide to quick disconnect Q7M/Q7F snap cable system for ASTI 2TX/4TX transmitters

- Large LCD Display of pH or ORP plus Temperature
- Power Down Flash Memory: Stores all calibration & parameter data even if the unit is powered down
- 6 Button easy to use Keypad w/ Intuitive Large Screen LCD Menu
- 1 or 2 Point pH Calibration
- Buffer Select: (4.01, 7.00, 10.01) or (4.00, 6.86, 9.18)
- Supports External Preamplifiers for Low-Noise Operation and Extended Cable Lengths up to 500 feet from 2TX meter
- Wide Operational Range of 12 V to 36 V DC
- Excellent Input / Output Signal Isolation
- Scaleable 4 to 20 mA Output
- EFF, Electrode Efficiency Function
- Auto ATC Temperature Sensor Select or Manual ATC
- 1/4 DIN, IP-65 Waterproof and Dustproof Enclosure
- CE Approved

Reliable & Affordable Isolated 2-Wire Loop Powered pH & ORP Transmitter

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

pH Range	-2.00 to 16.00 pH	mV Accuracy	±1 mV
pH Resolution	0.01 pH	Temperature Range	-10.0 to 120.0 °C
pH Accuracy	±0.01 pH	Temperature Resolution	0.1 °C
No. Of pH Calibration Points	Up to 2 points	Temperature Accuracy	±0.3°C
pH Buffer	(pH 4.01, 7.00, 10.01) or (pH 4.00, 6.86, 9.18)	Temperature Sensor (for ATC)	PT100, PT1000, 3K Balco, 10K thermistor
PH Electrode Offset recognition	±90mV	Temperature Compensation	ATC / MAN

pH Electrode Slope recognition	±30%	Signal Output	4.0 to 20.0mA
Input Impedance (Ohms)	>1012	Under / Over range current output	3.80mA / 21.0 0mA
mV Range	-1000 to +1000 mV	Power Requirements	24V DC (12V to 36V DC)
mV Resolution	1 mV	Dimension	1/4 DIN, depth 148mm

https://www.astisensor.com/2tx.php