

# CON500 1/4-DIN 2-Wire Conductivity Transmitter with LCD

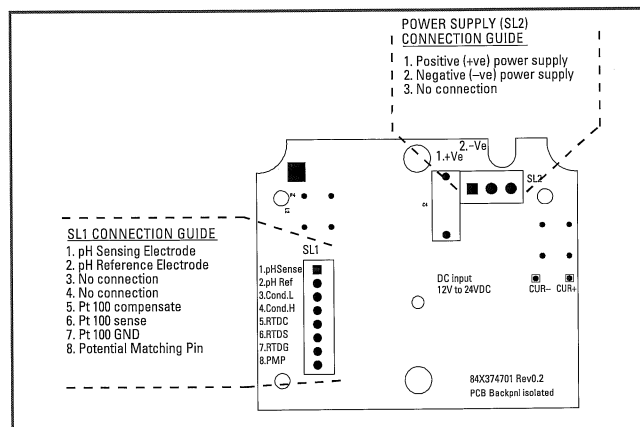
This industrial transmitter is ideal for connecting to a PLC for advanced control systems, or connect to a recorder for a low-cost documentation system. Housing contains mounting holes for easy installation on plates, poles, or walls. Additional features are:

- **User-Customization through Setup Menu** offers flexibility in matching the transmitter's functions to suit individual's specific requirements
- **One-Point Online Calibration** without shutting down the line
- **Output Current Indicator for Out-of-Range and Hold Conditions** to avoid discrepancy in readings
- **Scaleable 4 to 20 mA Output** for better output resolution for chart recording and other peripheral devices
- **Nonvolatile Memory** retains all stored parameters and calibration data, even if power fails
- **Large Dual Display** shows conductivity and temperature simultaneously—features clear multiple icons, set points, and status messages
- **Panel- or Wall-Mount NEMA 4X Weatherproof Housing** for outdoor or indoor installation
- **DC Power Operation** ideal for use in power plants and commercial sites; can be installed in serial loop.



## Installation

### Wiring



## Ordering Information

Description	Order number	Eutech model number
-CON500 transmitter with LCD	EA-19505-20	EC-CONCTP0500

**Note:** Unit is packed with instrument and side thread rods/brackets for mounting; does not include power cord, electrodes, or temperature probe.

## Specifications

<b>Conductivity range</b>	0 to 20.00, 0 to 200.0, 0 to 2000 $\mu$ S/cm; 0 to 10.00, 0 to 20.00, 0 to 200.0 mS/cm
<b>Resolution and Accuracy</b>	0.01, 0.1, 1 $\mu$ S; 0.01, 0.01, 0.1 mS and $\pm 1\%$ full scale
<b>Temperature range</b>	-10 to 110°C
<b>Resolution and Accuracy</b>	0.1°C and $\pm 0.5^\circ$ C
<b>Temperature compensation</b>	Automatic or manual with 100 $\Omega$ Pt RTD
<b>Temperature coefficient</b>	0 to 10%/°C
<b>Output</b>	4 to 20 mA
<b>No. of relays</b>	None
<b>Power</b>	12 to 24 VDC
<b>Dimensions</b>	1/4 DIN, 3.78" x 3.78" (96 x 96 mm)

### Mounting

