



# Linco-Electromatic, Inc.

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## ***TSC-1000 CALIBRATION FREE TEMPERATURE TRANSMITTER***

Using a similar Thermister Probe technology, but with greater accuracy than the field proven Linco-Electromatic, Inc. TA-1000 Temperature Averager, we are proud to introduce the **TSC-1000 Calibration Free Temperature Transmitter**. The **TSC-1000** is a low power 4-20 mA output, 2 wire loop powered unit with a temperature accuracy of +/- 0.15°F over temperature ranges.

### ***SPECIFICATIONS:***

#### **Temperature Probe**

Single Thermister Probe  
Standard Range, 0°F to 150°F

#### **Temperature Accuracy**

+/- 0.15°F  
Resolution 0.1°F.

#### **Display**

6 Character Numeric LCD  
Display Fahrenheit (°F) or Celsius (°C)

#### **Process Connections**

1/2 inch NPT  
High Efficiency Thermowell Included

#### **Enclosure Classification**

CSA, FM & UL Approved for Class I  
Groups B, C & D Class II Groups E, F & G

#### **Power**

10 - 30 Vdc for 4-20 mA Loop  
Reverse polarity protected  
High Efficiency Integrated Ribbed Thermowell

#### **Output**

2 Wire  
4-20mA Over Operating Range

#### **Temperature Ranges**

0°F - 150°F (Standard)  
-32°F - 220°F  
32°F - 112°F  
0°F - 120°F

