

# MINCO Temptran™ 1 – 5 VDC Output Transmitter

## Model TT246

### INSTALLATION INSTRUCTIONS

---

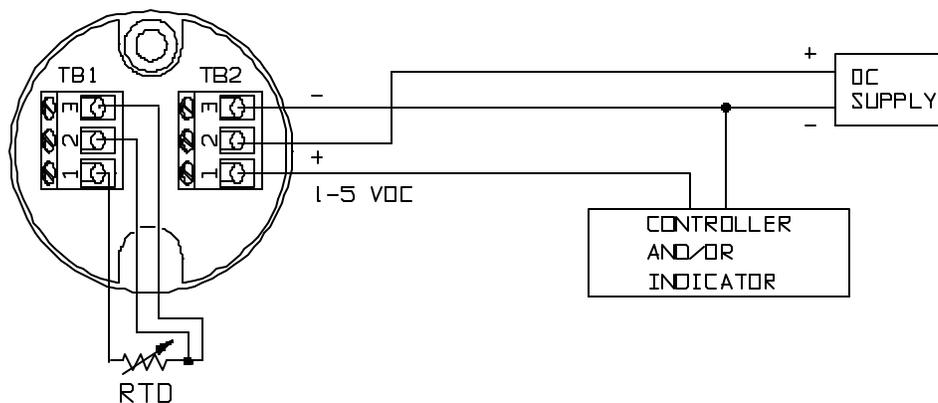
#### Installation

Locate the Temptran near the RTD, in an area where the ambient temperature stays between -40 and 85°C (-40 and 185°F).

Connect the power to the Temptran as shown, observing the +/- polarity for the power supply. Maximum DC supply voltage = 35 VDC. Connect the RTD as shown, or the Temptran will not operate properly. For the RTD, good connections are a must; a few ohms of resistance in the connection can cause an error of several degrees.

The Temptran has been factory-calibrated for its marked temperature range. Do not change its zero and span adjustments.

#### Wiring Diagram



#### How It Works

The Temptran converts an RTD's (resistance temperature detector's) resistance signal into a voltage proportional to the RTD's temperature. The voltage changes according to the range marked on the Temptran: 1 volt DC at the lowest temperature of the range, rising to 5 volts DC at the top of the range.

# MINCO PRODUCTS, INC.

7300 Commerce Lane, Mpls., MN 55432

Telephone: (763) 571-3121 FAX: (763) 571-0927

©2004 Minco Products, Inc.