

TT341 INSTALLATION INSTRUCTIONS

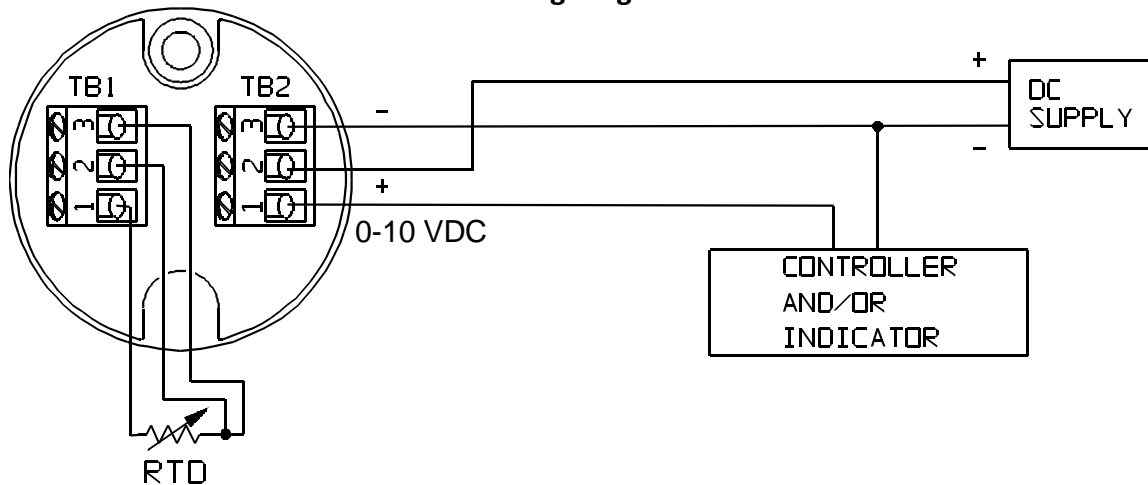
MINCO Temptran™ 0-10 VDC Voltage Transmitter, Model TT341.

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: 0 volt DC at the lowest temperature of the range, rising to 10 volts DC at the top of the range.