

MINCO Temptran™ 4-20 mA Current Transmitter Model TT177

INSTALLATION INSTRUCTIONS

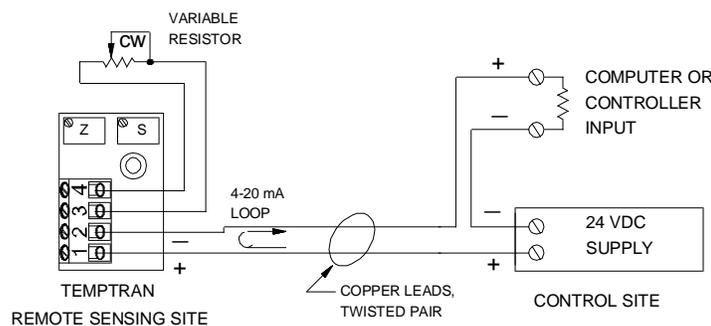
Installation

Locate the Temptran near the variable resistor, in an area where the ambient temperature stays between 32 and 122°F. Mount with a #6 machine or #8 self-tapping screw.

Connect the power to the Temptran as shown, observing the +/- polarity of the current loop. Maximum DC supply voltage = 35 VDC. Connect the variable resistor as shown; the connections have no polarity.

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

Wiring Diagram



How It Works:

The Temptran converts the resistance of a 2-lead resistance source such as a rheostat or potentiometer into a 4 to 20 mA DC output signal. The current changes according to the range marked on the Temptran: 4 mA at the lowest resistance of the range, rising to 20 mA at the top of the range. The leads that supply power also carry the current signal. Request Minco Application Aid #15 for more information.

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