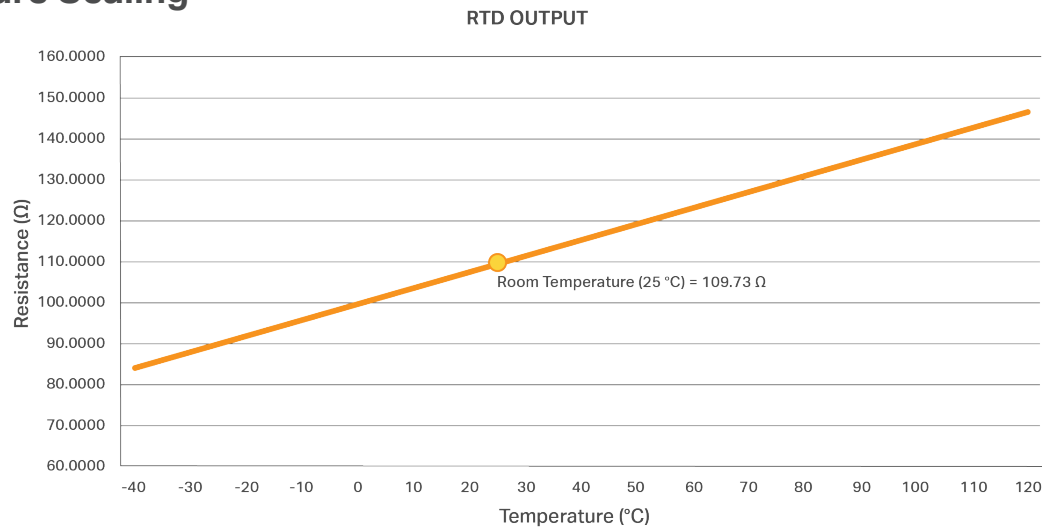


TEMPERATURE SCALING + WIRING DIAGRAM

For LP28X / LP38X / LP58X / LP68X Loop Power Sensors with RTD Temperature Output

Temperature Scaling



Temperature Scaling Key Details

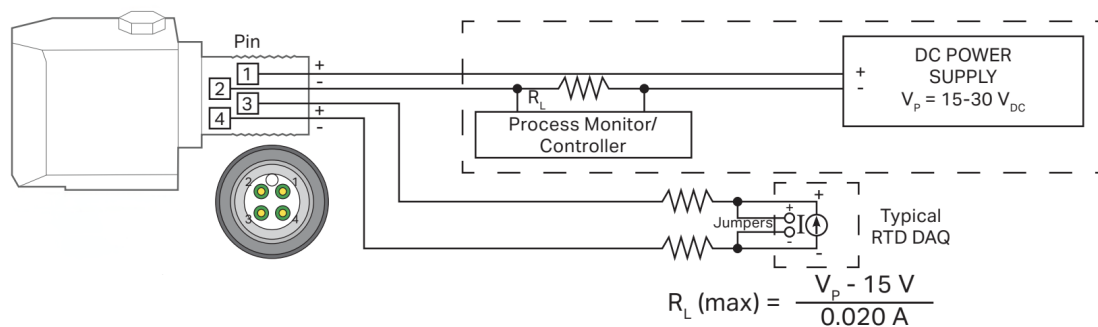
R_0 (Resistance at 0 °C) = 100 Ω

R_0 Tolerance = ± 0.2 Ω

Tolerance Across Rest of Range = ± 0.5 °C or 0.8%, whichever is greater

Measurement Range = -40 to 125 °C

Wiring Diagram - 2 Wire System to DAQ

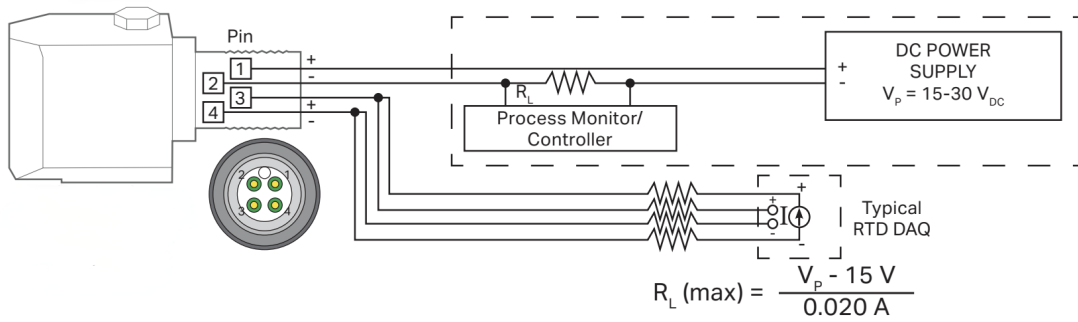


Wiring Diagram - 2 Wire System to DAQ - Key Details

Supply Voltage Range = 15-30 V_{DC}

RTD Drive Current Should Not Exceed 2 mA

Wiring Diagram - 4 Wire System to DAQ



Wiring Diagram - 4 Wire System to DAQ - Key Details

Supply Voltage Range = 15-30 V_{DC}

RTD Drive Current Should Not Exceed 2 mA

NOTE:

While only two-wire and four-wire RTD systems are demonstrated here, CTC RTD sensors are also compatible with three-wire and Wheatstone Bridge variations.