



# PCI TT-NEMA 4 Metal Temperature Transmitter User Guide

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## PCI TT-NEMA 4 Metal Temperature Transmitter



## DESCRIPTION

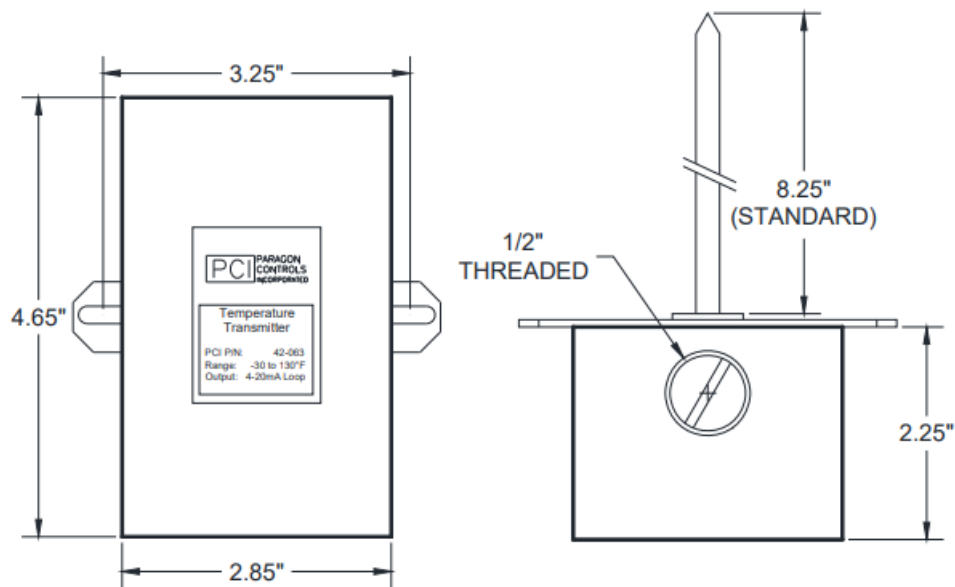
The RTD and transmitter are matched and calibrated as a complete assembly in a temperature chamber against a NIST traceable calibrated standard. The transmitter is a 2 wire 4-20mA loop powered device calibrated to a temperature range of -30°F to 130°F.

## SPECIFICATIONS

- **Supply Voltage**
  - 10.5 to 45VDC
- **Combined Accuracy (Linearity, Hysteresis & Repeatability)**
  - $\pm 0.20\%$  of full scale
- **Temperature Range**
  - 30°F to 130°F
- **1.2.4. Output**
  - 4-20mA

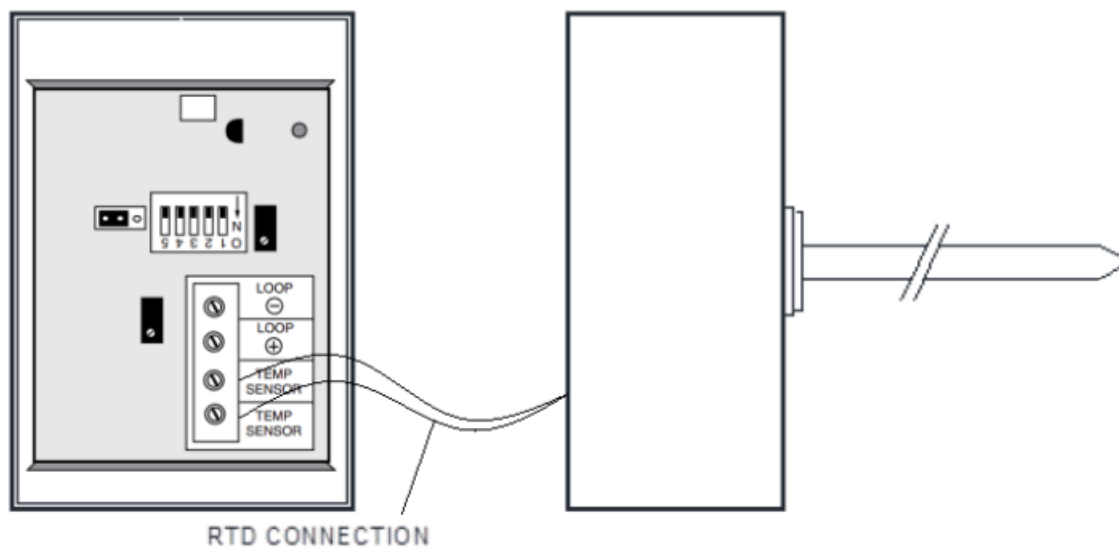
## INSTALLATION

## MECHANICAL DIMENSIONS



## TEMPERATURE TRANSMITTER CONNECTION LAYOUT

- Remove the Temperature Transmitter cover
- The Temperature Transmitter enclosure incorporates two 1/2-inch threaded conduit connections.
- Refer to the below figure for Temperature Transmitter connector location.

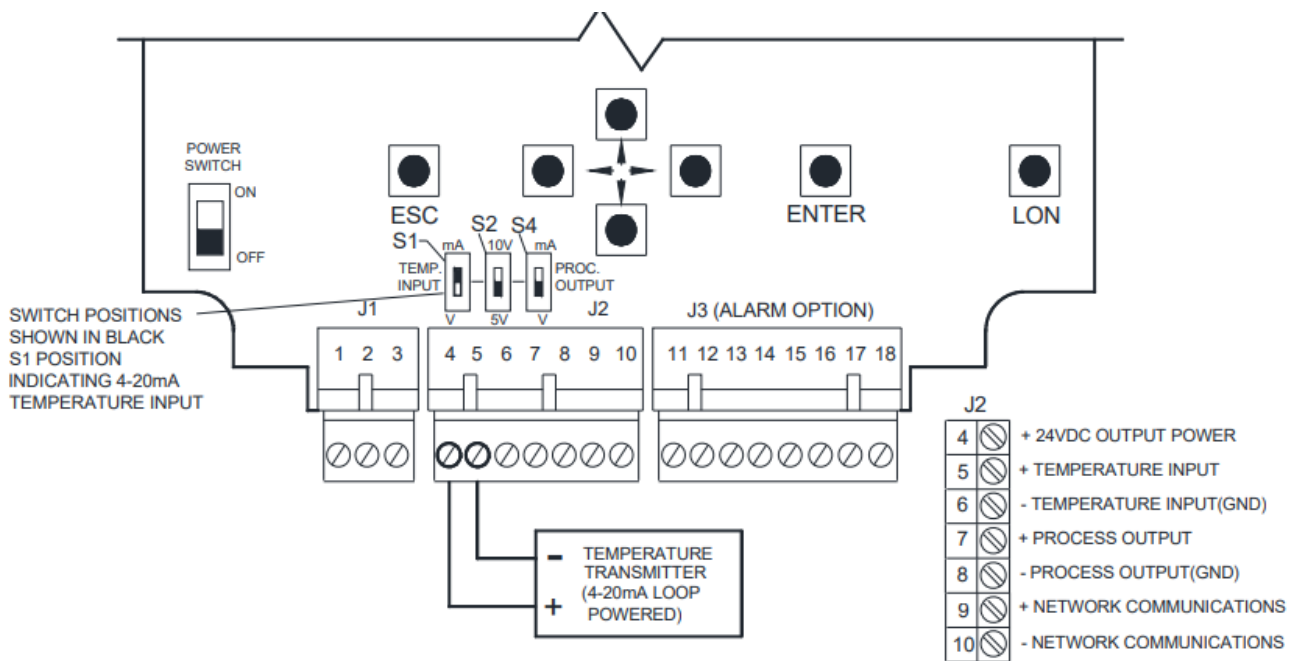


## MICROTRANSEQ TO TEMPERATURE TRANSMITTER CONNECTION

- Remove the MicroTransEQ cover by turning each corner cover mounting screw counterclockwise.
- The MicroTransEQ board has removable plugs for ease of installing the interface wiring.

(Caution – All electrical connections must be made with the MicroTransEQ power switch in the OFF position)

- Refer to figure below for connector location.

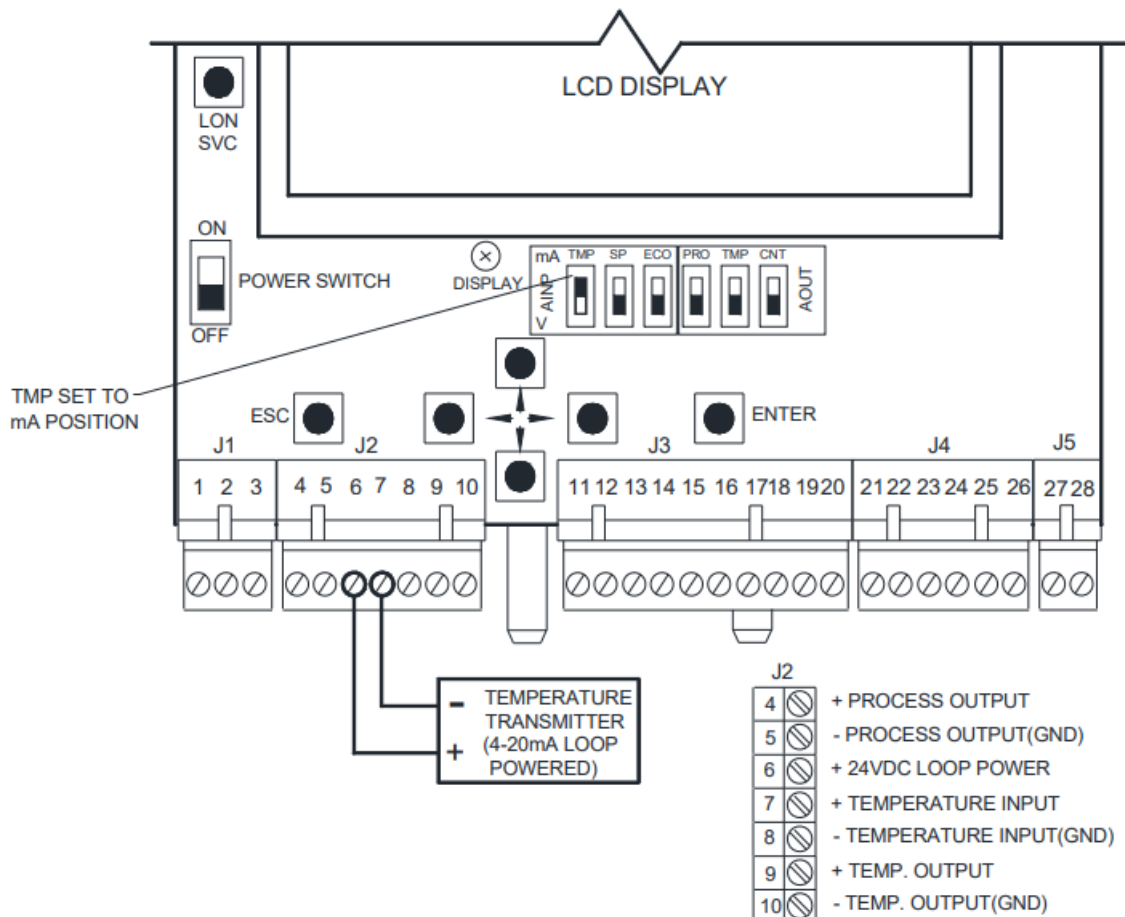


## MICROTRANSII TO TEMPERATURE TRANSMITTER CONNECTION

- Remove the MicroTransII cover by turning each corner cover mounting screw counterclockwise.
- The MicroTransII board has removable plugs for ease of installing the interface wiring.

(Caution – All electrical connections must be made with the MicroTransII power switch in the OFF position)

- Refer to figure below for connector location.

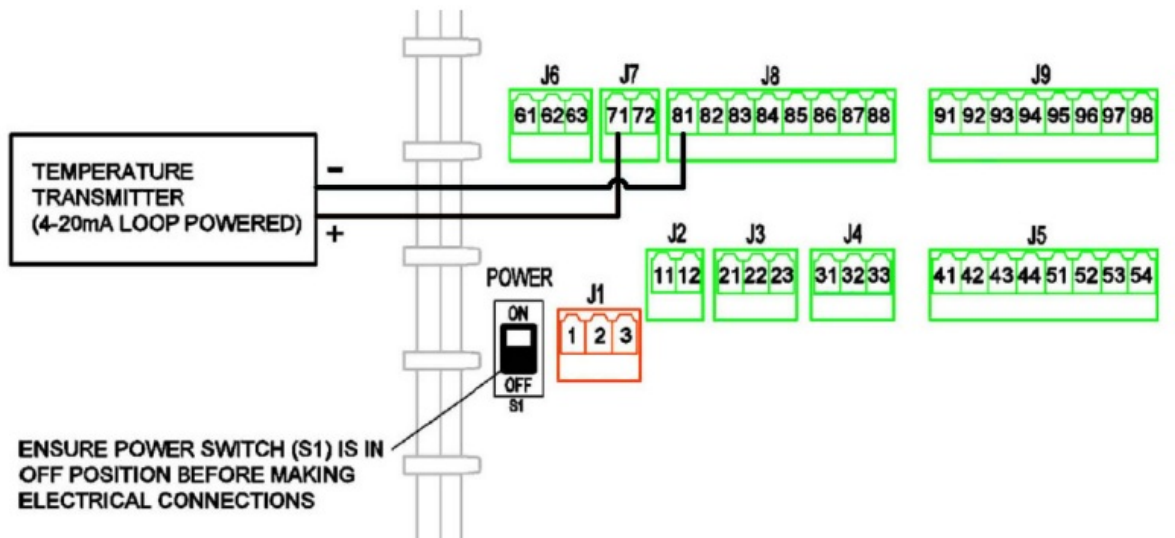


## MULTI-TRANS SMART ECOSYSTEM (MTSE) TO TEMPERATURE TRANSMITTER CONNECTION


- Remove the MTSE cover by unlatching the two clasps
- The MTSE board has removable plugs for ease of installing the interface wiring.

(Caution – All electrical connections must be made with the MTSE power switch in the OFF position)

- Refer to figure below for connector location.



## Documents / Resources

 <p>TT-NEMA 4 Metal Temperature Transmitter Operator &amp; Maintenance Manual</p>	<a href="#">PCI TT-NEMA 4 Metal Temperature Transmitter [pdf] User Guide</a> TT-NEMA 4, Metal Temperature Transmitter, TT-NEMA 4 Metal Temperature Transmitter
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## References

- [PCI Paragon Controls Inc - Airflow Measurement, Control, and Monitoring](#)