

## ***Tek-Temp 2100B*** **TEMPERATURE TRANSMITTER**



# Quick Start Guide

## 1. Before You Begin

This guide provides basic information to assist you in quickly getting started. Go to our website to download the full User Guide for detailed installation and other information.



Ensure installation of the Transmitter meets applicable state and national electrical code requirements.



The installation of the Transmitter should only be performed by a Qualified installer or factory representative.

## 2. Unpack

One Tek-Temp 2100B Temperature Transmitter

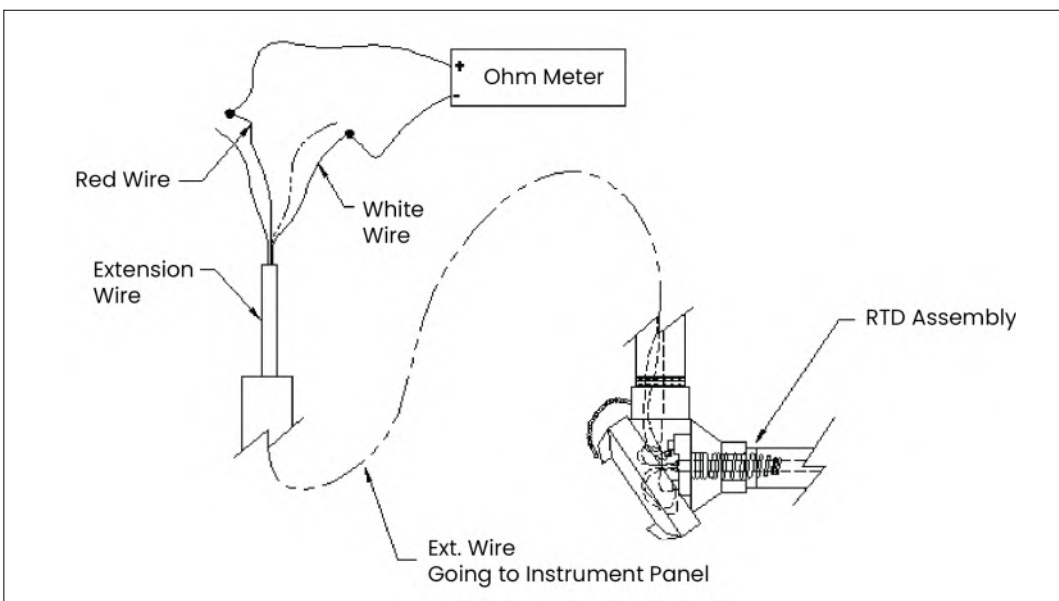
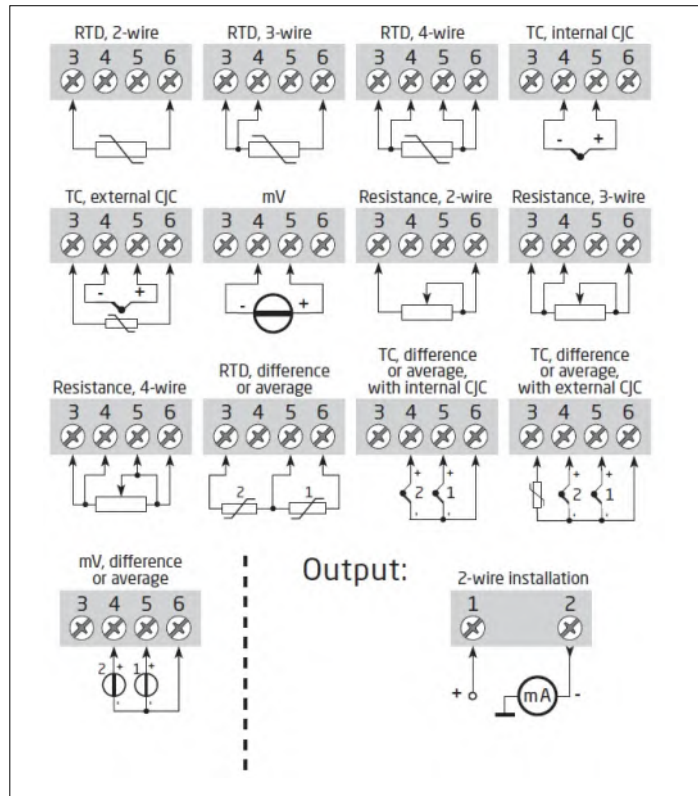
**NOTE:** When moving the transmitter to the installation site, keep it in its original packaging. Then, unpack the transmitter there to avoid damage on the way.

**NOTE:** Before installation check the model, specifications, and installation location for the transmitter. Install using proper engineering practices.

## 3. Hardware



## 4. Power Supply



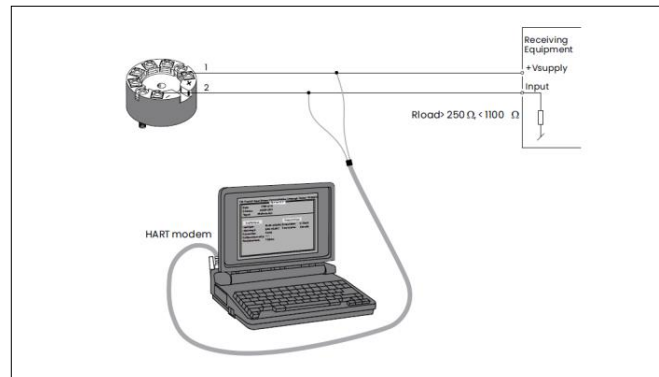
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## 5. Calibration

The 2100B includes a head-mounted (hockey puck-style) transmitter, located inside the sensor assembly's terminal head. This transmitter is programmable through the following interfaces:

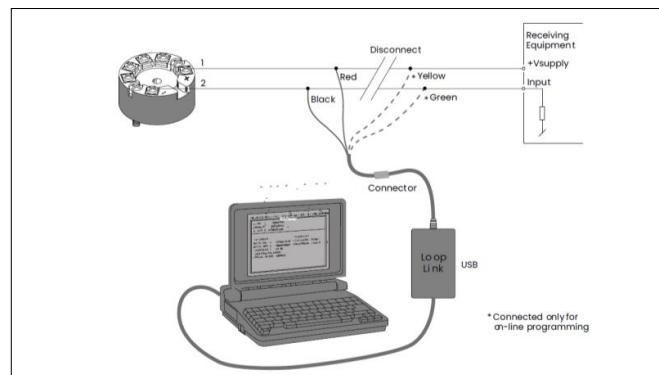
### HART Modem + Preset

Connect the modem to your PC and follow on-screen instructions to configure sensor type, range, and output parameters.



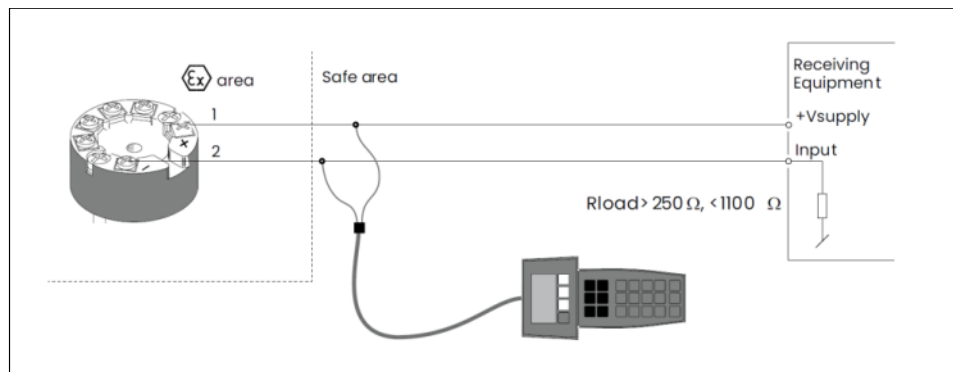
### Loop Link + Preset PC Software

For local setup in non-hazardous areas only. Not suitable for use in Ex-rated zones.



### HART Handheld Communicator

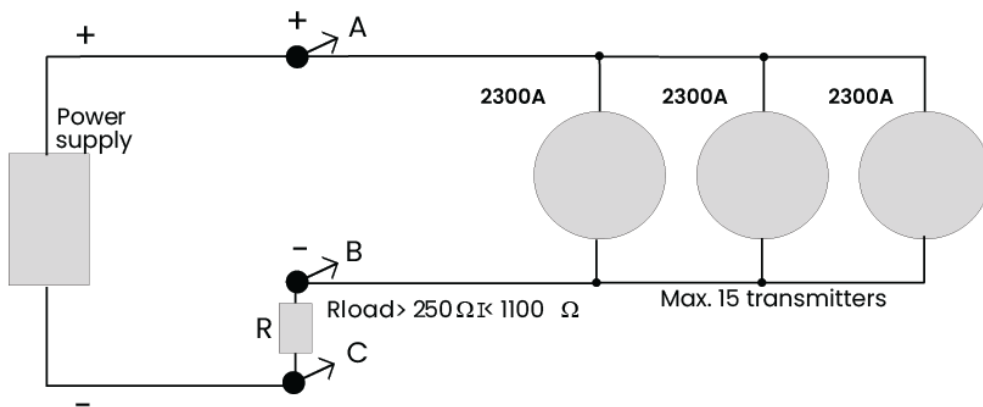
Load the **Tektrol LIC A/S DDL driver** onto the communicator to access full configuration capabilities.



## Multidrop Configuration (Optional Mode)

For advanced HART network setups:

- Up to 15 transmitters can be connected in parallel on the same 2-wire loop.
- Each transmitter must have a unique polling address (1–15).
- Outputs are fixed at 4 mA in multidrop mode.
- Configure using a HART communicator or PC with HART software.
- Ensure loop current does not exceed 60 mA





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