TEL-TRU MANUFACTURING CO.
Temperature + Pressure Instruments

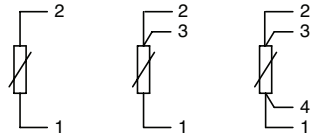
INDUSTRIAL and SANITARY RTDs

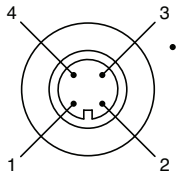
Wiring and Installation Instructions for
Industrial models NP100, NT100 and Sanitary models SP100, ST100

Termination Options (NP and SP)

- **AXX** (M12 w/Mating Connector) and **E00** (M12)

2 Wire RTD | 3 Wire RTD | 4 Wire RTD

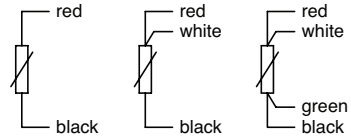




- **AXX** Wiring
  1 = black
  2 = red
  3 = white (3-&4-wire)
  4 = green (4-wire)

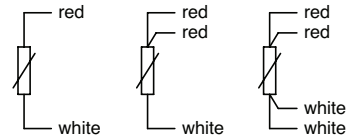
- **BXX** (Strain Relief w/Cable)

2 Wire RTD | 3 Wire RTD | 4 Wire RTD



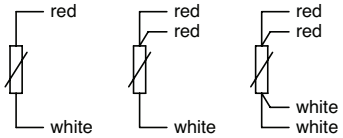
- **CXX** (1/2" NPT w/Leads)

2 Wire RTD | 3 Wire RTD | 4 Wire RTD

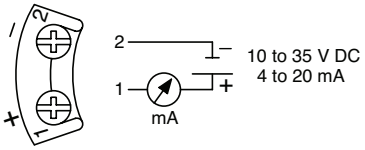


- **DXX** (Connection Head) w/Terminal Block A1

2 Wire RTD | 3 Wire RTD | 4 Wire RTD



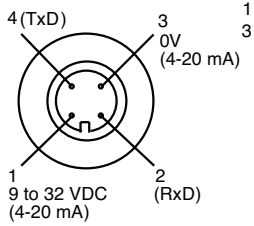
- **DXX** (Connection Head) w/Transmitter B1 or B2



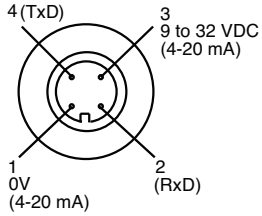
Termination Options (ST and NT)

AXX (M12 w/Mating Connector) and **E00** (M12) w/Integrated Transmitter Z1

- **AXX** Wiring
  1 = red
  3 = black



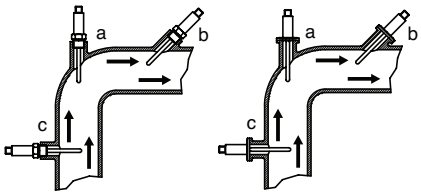
- **K00** (M12) w/Integrated Transmitter, reverse polarity



Installation Instructions

- **Mounting Location**

NP100 | SP100



a. At angle sections, against the direction of flow.
b. In smaller pipe, against the direction of flow.
c. Perpendicular to the direction of flow.

Refer to *www.teltru.com/rtd_trans.asp* for temperature and pressure limits.

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