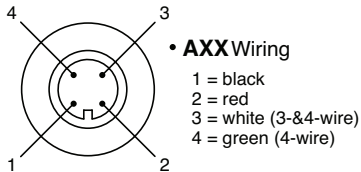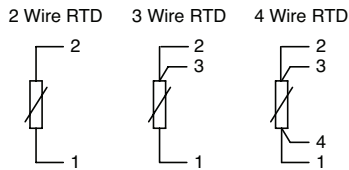# INDUSTRIAL and SANITARY RTDs
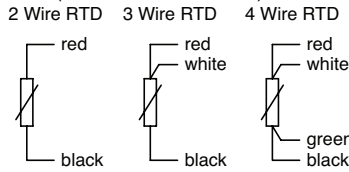
Wiring and Installation Instructions for
Industrial models NP100, NT100 and Sanitary models SP100, ST100

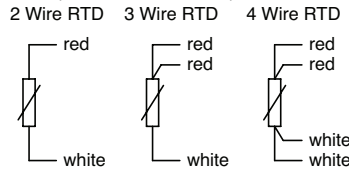## Termination Options (NP and SP)

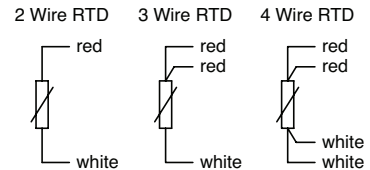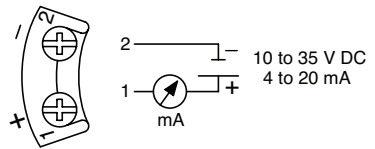- **AXX** (M12 w/Mating Connector) and **E00** (M12)

  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

  2 — 10 to 35 V DC
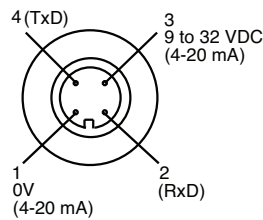 1 — 4 to 20 mA
  mA

Termination Options (ST and NT)

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

- **AXX** Wiring

  1 = red
  3 = black
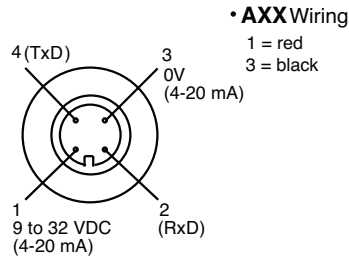
- **K00** (M12) w/Integrated Transmitter, reverse polarity

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.