

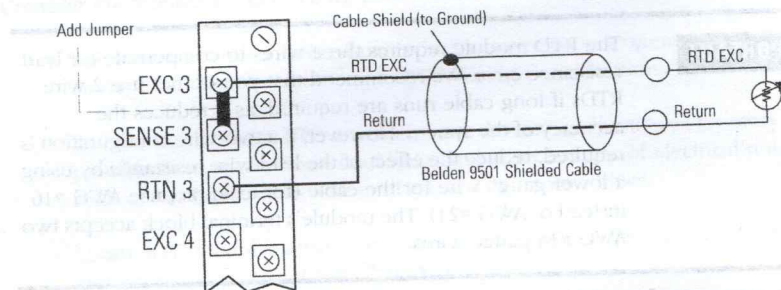
RTD Wiring Configurations

For a 3-wire configuration, the module can compensate for a maximum cable length associated with an overall cable impedance of 25 ohms.

Three configurations of RTDs can be connected to the 1769-IR6 module:

- 2-wire RTD, which is composed of an RTD EXC (excitation) lead wire and a RTN (return) lead wire
- 3-wire RTD, which is composed of a Sense and 2 RTD lead wires (RTD EXC and RTN)
- 4-wire RTD, which is composed of a Sense and 2 RTD lead wires (RTD EXC and RTN). The second sense wire of a 4-wire RTD is left open.

2-Wire RTD Configuration



3-Wire RTD Configuration

