



## RTD INSTALLATION AND MAINTENANCE INSTRUCTIONS

RTD's are installed by means of spring-loaded, compression, welded or bayonet fittings.

Follow these instructions for installation of an RTD with a spring-loaded fitting:

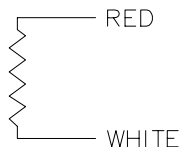
1. Insert the RTD into the process hole or opening.
2. Tighten the RTD into place by turning the RTD into the threaded connection

Caution should be taken to disconnect the wires from the terminal block to prevent twisting or shorting.

### **ELECTRICAL:**

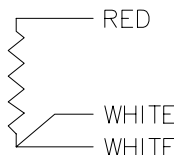
RTD are constructed with a variety of internal connecting wire configurations. Copper wire only is used as extension wire. Identification and designation of the terminals is essential.

#### **Two Wire Configurations:**



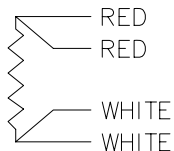
Connect the red wire to the positive connection terminal and connect the white wire to the negative connection terminal.

#### **Three Wire Configurations:**



The two white wires are common. Connect the red wire to the positive connection terminal and the two white wires to the negative connection terminals. The second white wire is the compensating lead wire.

#### **Four Wire Configurations:**



The two red wires are common and the two white wires are common. Connect the two red wires to the positive connection terminal and the two white wires to the negative connection terminals.

### **STORAGE:**

Store in a clean, dry place.

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