



Standard and Custom  
Sensors for Speed, Motion, and Temperature  
Cabling and Controls

## THERMO-TRAN TEMPERATURE SERIES OPERATING INSTRUCTIONS

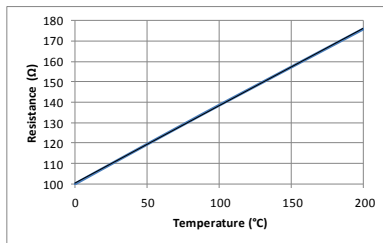
### Description

Temperature sensors are designed and manufactured using various sensing methods, i.e. thermistor, thermostat, thermos-fuse, and RTD's.

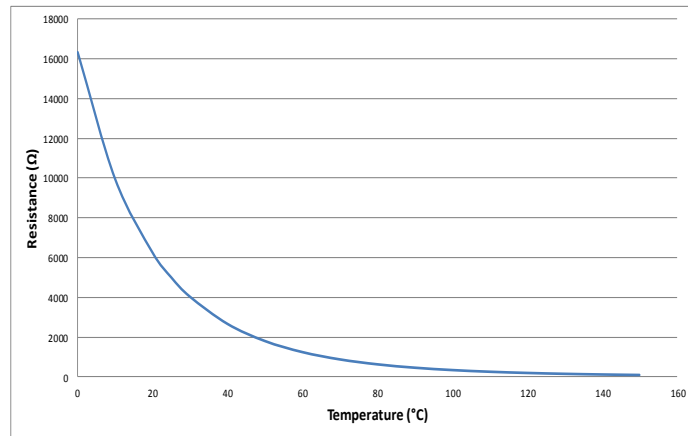
### Typical Applications

- Air Temperature
- Oil Temperature
- Bearing Temperature

### Typical RTD



### Typical NTC Thermistor

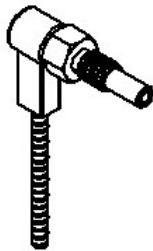


### CAUTION

- Ensure machine cannot operate during installation.
- Ensure all nut(s) or bolt(s) are tightened properly.
- Connect sensor to the proper input within the control system.
- When using RTD and thermistor sensors, insure test current does not induce self-heating.

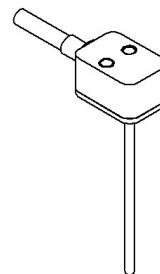
### Typical Installations

#### Threaded



- Install sensor in mounting location.
- Secure. The use of thread-locking washers or compounds are recommended.

#### Flange



- Install sensor in mounting location.
- Secure bolt(s). The use of thread-locking washers or compounds are recommended.