



# 814I SM 12

## Data and performance sheet

**TRAKE**  
**ENGINE**  
**814I SM 12**  
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Category	2006	2007	2008	2009
<b>Non-Farm</b>				
Manufacturing	10.2	10.2	10.2	10.2
Retail trade	10.2	10.2	10.2	10.2
Food service	10.2	10.2	10.2	10.2
Health care	10.2	10.2	10.2	10.2
Education	10.2	10.2	10.2	10.2
Social assistance	10.2	10.2	10.2	10.2
Other non-farm	10.2	10.2	10.2	10.2
<b>Farm</b>				
Agriculture	10.2	10.2	10.2	10.2
Livestock	10.2	10.2	10.2	10.2
Forestry	10.2	10.2	10.2	10.2
Fishing	10.2	10.2	10.2	10.2
Total	10.2	10.2	10.2	10.2
<b>Non-Farm</b>				
Retail trade	10.2	10.2	10.2	10.2
Food service	10.2	10.2	10.2	10.2
Health care	10.2	10.2	10.2	10.2
Education	10.2	10.2	10.2	10.2
Social assistance	10.2	10.2	10.2	10.2
Other non-farm	10.2	10.2	10.2	10.2
<b>Farm</b>				
Agriculture	10.2	10.2	10.2	10.2
Livestock	10.2	10.2	10.2	10.2
Forestry	10.2	10.2	10.2	10.2
Fishing	10.2	10.2	10.2	10.2
Total	10.2	10.2	10.2	10.2
<b>Non-Farm</b>				
Retail trade	10.2	10.2	10.2	10.2
Food service	10.2	10.2	10.2	10.2
Health care	10.2	10.2	10.2	10.2
Education	10.2	10.2	10.2	10.2
Social assistance	10.2	10.2	10.2	10.2
Other non-farm	10.2	10.2	10.2	10.2
<b>Farm</b>				
Agriculture	10.2	10.2	10.2	10.2
Livestock	10.2	10.2	10.2	10.2
Forestry	10.2	10.2	10.2	10.2
Fishing	10.2	10.2	10.2	10.2
Total	10.2	10.2	10.2	10.2
<b>Non-Farm</b>				
Retail trade	10.2	10.2	10.2	10.2
Food service	10.2	10.2	10.2	10.2
Health care	10.2	10.2	10.2	10.2
Education	10.2	10.2	10.2	10.2
Social assistance	10.2	10.2	10.2	10.2
Other non-farm	10.2	10.2	10.2	10.2
<b>Farm</b>				
Agriculture	10.2	10.2	10.2	10.2
Livestock	10.2	10.2	10.2	10.2
Forestry	10.2	10.2	10.2	10.2
Fishing	10.2	10.2	10.2	10.2
Total	10.2	10.2	10.2	10.2
<b>Non-Farm</b>				
Retail trade	10.2	10.2	10.2	10.2
Food service	10.2	10.2	10.2	10.2
Health care	10.2	10.2	10.2	10.2
Education	10.2	10.2	10.2	10.2
Social assistance	10.2	10.2	10.2	10.2
Other non-farm	10.2	10.2	10.2	10.2
<b>Farm</b>				
Agriculture	10.2	10.2	10.2	10.2
Livestock	10.2	10.2	10.2	10.2
Forestry	10.2	10.2	10.2	10.2
Fishing	10.2	10.2	10.2	10.2
Total	10.2	10.2	10.2	10.2



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**Ques 1: Introduction**

Define thermistor as a temperature sensitive resistor and explain its uses in a circuit.

**Ques 2: Theory**

Explain the variation of resistance with temperature in thermistors and how it is used in a circuit.

**Ques 3: Procedure**

List the steps followed in the experiment to observe the variation of resistance with temperature.

**Ques 4: Result**

The graph of Resistance vs. Temperature is plotted and the variation of resistance with temperature is observed.

**Ques 5: Discussion**

Discuss the variation of resistance with temperature in thermistors and its applications.

**Ques 6: Graph and its variation as shown below**

Graph of Resistance vs. Temperature	100	100
Graph of Resistance vs. Temperature	100	100

**Ques 7: Graph and its variation as shown below**

Graph of Resistance vs. Temperature	100	100
Graph of Resistance vs. Temperature	100	100

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