

# Technical Information: Customer Application Data Sheet

This worksheet has been prepared for your use in specifying the precise parameters you wish to measure and will assist CONVECTRONICS' engineers in determining the best heater/transducer for your application.

Name \_\_\_\_\_ Title \_\_\_\_\_  
Company \_\_\_\_\_ Dept \_\_\_\_\_  
Address \_\_\_\_\_ Phone \_\_\_\_\_ Ext. \_\_\_\_\_  
City \_\_\_\_\_ Fax \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_ E-mail \_\_\_\_\_

1) Briefly Describe Application: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2) Power/Voltage Required: \_\_\_\_\_ Volts/ \_\_\_\_\_ Watts

3) Temperature Range Required: Transient: \_\_\_\_\_ Steady State: \_\_\_\_\_

4) Flow/Pressure: Transient: \_\_\_\_\_ Steady State: \_\_\_\_\_

5) Temperature to be Measured/Reached:

A) Wall Surface : \_\_\_\_\_ Type of Wall Material: \_\_\_\_\_

B) Local Gas Temperature: \_\_\_\_\_ Velocity of Gas: \_\_\_\_\_

C) Local Liquid Temperature: \_\_\_\_\_ Velocity of Fluid: \_\_\_\_\_

D) Local Plastic Temperature: \_\_\_\_\_

E) Other/Material: \_\_\_\_\_

6) Type of Environment (check all that apply)

Oxidizing:  Reducing:  Neutral:

7) Container Wall Material: \_\_\_\_\_

8) Test or Process Duration: \_\_\_\_\_

9) Minimum Response Time Desired: \_\_\_\_\_

10) Quantity of Units Desired: \_\_\_\_\_

11) Delivery Requirements: \_\_\_\_\_

12) If possible, provide sketch of desired unit: including approximate dimensional requirements, mounting details, lead wire and connector requirements, etc.