Innovators In Noncontact Temperature Measurement

To select the most appropriate sensor for your application and better prepare a personalized recommendation, please provide the answers to as many of the following questions as possible. If you would like assistance, please contact a Williamson Application Engineer. Return the completed worksheet to the fax number below.

APPLICATION WORKSHEET

Company _____ Phone _____

Contact _____ Fax _____

Description of Application/Process: _____

_____

_____

_____

Method of Heating: ❑ Flame ❑ Heating Element ❑ Hot Atmosphere ❑ Induction ❑ Infrared

❑ Previous Process ❑ Resistance ❑ Other: _____

Current Measurement: ❑ None ❑ TC/RTD ❑ Noncontact (Brand: _____ Wavelength(s): _____)

Reasons to Change Method of Temperature Measurement (include estimated benefits): _____

_____

_____

_____

Target Material: _____ Target Size (l, w, h, dia.): _____

Process Temperature Range: Min _____ Max _____ Normal_____

Distance of Sensor Lens to Target: Min _____ Max _____ Required Response Time: _____

Interference between the Sensor and Target: ❑ Dust ❑ Flame ❑ Induction Coil ❑ Machinery/Equipment

❑ Operator ❑ Quench Fluid ❑ Sight Tube ❑ Smoke ❑ Steam ❑ Water Spray ❑ Window

Ambient Temperature where the Sensor will be Installed: _____

Temperature Measurement Tolerance: Current _____ Desired _____

Output/Control Requirements: ❑ Linear mA or V ❑ Remote Display ❑ On/Off Alarms ❑ PID ❑ Computer Interface

Application Sketch

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