

Application Questionnaire None-Contact Temperature Measurement

Please fill out the following questionnaire and fax or e-mail it to:

+49 (0)6196 6406589 or info@sensortherm.de

Name: _____

Company: _____

Street No. / POB: _____

Postal code: _____ City: _____

Country: _____

Department: _____

Phone / Fax: _____

E-Mail Address: _____

I need advice by telephone, please call me, preferably on: _____

Details to Your Measuring Task:

Description of the process or application, in which the temperature measurement should be taken:

Description of the object to be measured:

Material: _____ Size: _____

Surface: dull shiny

Heating or cooling method (inductive, conductive, convective, radiation, oil flames or gas flames,...):

Is heating or cooling at the same point where the temperature measurement takes place? Yes No

Is there direct viewing to the target? Yes No

If no, is there a viewing window? Yes No

If yes, please specify window-material, thickness and diameter: _____

Is the detection range between pyrometer and the measured object vitiated?: Yes No

If yes, by: steam, smoke, dust?

Is the object moving during measurement? Yes No

If so, at what speed? _____

Where is the critical process temperature? _____ °C

Desired temperature range from: _____ to: _____ °C

Desired measured area size: _____ mm at measuring distance: _____ mm

Required update rate: _____ ms

Ambient conditions at sensor's installation:

Temperature range: _____

Electromagnetic fields: Yes No

Hazardous area: Yes No

Is there any temperature measurement done at this time?
What is the result and what improvements should be achieved?

Please tick the measurement method applicable for your process:

- Point-shaped temperature measurement
- Scanning temperature measurement with detecting the maximum temperature
- Scanning temperature measurement with temperature profile output
- Thermal imaging measurement

How to process the measurement result further?

- Via analog output 0/4–20 mA
- Via digital interface RS232 RS485 Profibus _____
- Display
- Temperature control
- Switch

Please send us any other available information that can help us to analyze your measurement task, such as a photo or a drawing. It might also be helpful to provide us with a sample of your measurement object of approximately 10 x 10 cm. We assure you to the confidential handling of your documents and samples.

Innovative suggestions serve progress and help you and us.