

Please answer the following questions as completely as possible:

1. Please describe / make a sketch of your application

a) Industry / Customer

b) Factory / Plant

c) Sensor task

2. Description of the object to be detected:

a) Kind / material of the object

b) Shape / size of the object (min/max)

c) Object surface (shiny, rough, oxide, etc.)

d) Temperature min. °C max. °C

e) Color of the material

e) Emissivity, if known

3. Short description of the heating up method:

4. How large does the spot size need to be?

ca. mm

5. Does the object to be measured move?

No

Yes, with ca. m/s

6. In which temperature range do you want to measure?

a) from to °C

b) critical temperature °C

7. Which measurement accuracy do you need?

ca. °C

8. Distance from the sensor to the object:

ca. mm

9. Which is the expected ambient temperature at the sensor mounting location?

ca. °C

10. Do we have to expect interferences (vapour, water, etc.) between sensor and object?

no

sometimes, what kind?

always, what kind?

11. Do we have to expect soiling / dirt at the sensor?

no

yes, what kind?

12. Is it possible to use scavenging air or cooling water?

air

water

no

13. Any prior sensor that has been tested or used in this application? no yes, kind / type of sensor, problems?

Thank you for taking your time.

Your address?

Company:

Street, number:

ZIP code, city:

Phone:

Email:

Contact person: