Please answer the following questions as completely as possible:

1. Please write brief description of your application :

| Industry / Customer | Factory / Plant | Sensor task |
|---|---|---|
| | | |

2. Description of the object to be detected :

a) Material type

b) Size of the object

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

d) Temperature range

Min. [ ] °C      Max. [ ]

3. What is the distance between object and sensor ?

approx min. [ ] mm      approx max. [ ] mm

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

approx min. [ ] °C      approx max. [ ] °C

**5. Do we have to expect interferences between sensor and object** ?

☐ yes,    what kind?      ☐ no

   ☐ vapour / steam
   ☐ molten splash
   ☐ fire ash
   ☐ heat radiation
   ☐ sparks
   ☐ flame protection
   ☐ dirt / dust

6. How fast does the object move?

approx [ ] m/s

7. What is the distance that you want to measure?

approx [ ] mm

8. Please provide a description of the object background in the sensor's field of view?

a) material of the background?

[ ]

b) size of the background (min. / max.)

[ ]

c) Temperature min. [ ] max. [ ] °C ?

d) Surface type of the ground (Mention the colour / rough or shiny) [ ]

e) Distance between background and the object

approx min. [ ] mm     approx max. [ ] mm

f) Is there high difference between background and object, in terms of colour and reflecting ability

☐ yes,   what kind?      ☐ no

9. How long will the hot object stay in the detection area of the sensor ?

a) object is there for approx [ ] sec.        b) always

10. Which electrical version do you need ?

a) supply voltage

[ ] V AC   [ ] V DC

b) output signal

☐ 0/4-20 mA
☐ 0-10 V
☐ Digital

c) connection type

☐ connector
☐ cable
length [ ]

11. Any prior sensor that has been tested or used in this application ?

☐ yes, type of sensor and problems (if any)　　　　☐ no

| |
|---|
| |

Thank you for your valuable time

Your details?

a) Company

b) Address

c) Contact person

d) Phone

e) E-mail