

Please answer the following questions as completely as possible:

1. Pls. 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 (color / rough or shiny)

d) Temperature min. °C max. °C

e) How many objects need to be detected?

3. How fast do the objects move?

approx. m/s

4. How large is the field be monitored?

a) Distance to the sensor min. mm max. mm

b) Width min. mm max. mm

c) Height min. mm max. mm

5. Distance between sensor and object?

approx. min. mm max. mm

6. Which accuracy do you want to achieve?

approx. mm

7. How long will the object stay in the detection field of the sensor?

a) object is there for approx. sec., then no object for approx. sec..

b) always

8. Description of the object background in the sensor's viewing direction?

a) Kind /material of the background

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

c) Background surface (colour / rough or shiny)

d) Temperature?

min. °C max. °C

e) Distance between background and object to be monitored

approx. min. mm max. mm ?

f) Is there a great difference between background and object to be detected, as to color and reflectivity?

Yes No

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

approx. min. °C max. °C

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

No

Sometimes, what kind?

Always, what kind?

11. Environment at the sensor mounting location:

Pressure

Moisture

Chemical substances

Magnetic field

Metal in the surrounding area

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

No

Yes, what kind?

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

Air

Water

No

14. 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:

15. 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 details?

Company:

Street, number:

ZIP Code, City:

Phone:

Email:

Contact person: