

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) Temperature min. °C max. °C

3. How fast do the objects move?

approx. m/s

4. How large does the detection area need to be? (the area where the object can be found)

approx. mm

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

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

b) always

6. Which distance do you need between sensor and object ?

approx. min. mm max. mm

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

approx. min. °C max. °C

8. Environment at the sensor mounting location:

- Magnetic field Moisture?
 Chemical substance: Metal? If yes, what is the distance between sensor and surrounding metal?

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

- no yes, what kind?

10. Which electrical version do you need?

a) supply voltage

b) switching behaviour

c) connection type

- V AC V DC PNP n.o.
 NPN n.c.

- connector
 cable

length: cm

11. 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: