

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

c) Object surface (color / rough or shiny)

3. How fast does the object 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?

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

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. mm max. °C

8. Which kind of sensor can be integrated into your unit?

- Thru-beam light barrier (transmitter + receiver)? Distance transmitter / receiver m
- Retro reflective barrier (Sensor + reflector)? Distance sensor/ reflector m
- Diffuse sensor (one sensor only)?

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

- no sometimes, what kind? always, what kind?

10. Environment at the sensor mounting location:

- Pressure? Moisture? Chemical substances?

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. Which electrical version do you need?

a) supply voltage

V AC V DV

b) switching behaviour

- PNP
 NPN
 normally open
 normally closed
 Relais

c) connection type

- Connector
 Cable
length:

14. 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: