Proxitron
SENSORS MADE IN GERMANY

Inductive Proximity Switches
Application Analysis

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

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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:

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