

Inductive Surface Sensor

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. Does the sensor need to be integrated into a roller conveyor?

yes, no

a) Width of roller conveyor?

approx mm

b) Size of the roller?

approx mm

c) Roller spacing?

approx mm

d) Is there any cover between the rollers?

yes no

e) Is there any lateral metal between the rollers?

yes no

f) Is there any metal on the surface for sensor fixing?

yes no

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6. What is the environment at the sensor mounting location?

a) Magnetic field ? yes no

b) Moisture ? yes no

c) Chemical substances ? yes, what kind? no

d) Soiling /dirt ? yes, what kind? no

7. How fast does the object move?

approx m/s

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

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

9. Which electrical version do you need ?

a) supply voltage

V AC V DC

b) switching behaviour

- PNP
- NPN
- Normally open
- Normally close
- relay

c) connection type

- connector
- cable
- length

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

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

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Thank you for your valuable time

Your details?

a) Company

b) Address

c) Contact person

d) Phone

e) E-mail