**Proxitron**
SENSORS MADE IN GERMANY

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

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

approx. min. [＿＿＿] °C    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 DC

**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?

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Thank you for taking your time.

**Your details?**

Company:

Street, number:

ZIP code, city:

Phone:

Email:

Contact person: