Proxitron
SENSORS MADE IN GERMANY

MANGLAM
ELECTRICALS
Components Distribution

Laser Distance Meter

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. Do we have to expect interferences between sensor and object ?

☐ yes, what kind? ☐ no

- ☐ vapour / steam
- ☐ molten splash
- ☐ fire ash
- ☐ heat radiation
- ☐ sparks
- ☐ flame protection
- ☐ dirt / dust

Proxitron
SENSORS MADE IN GERMANY

MANGLAM
ELECTRICALS
Components Distribution

Laser Distance Meter

6. How fast does the object move?

approx ☐ m/s

7. What is the distance that you want to measure?

approx ☐ mm

8. Please provide a description of the object background in the sensor's field of view?

a) material of the background?

☐

b) size of the background (min. / max.)

☐

c) Temperature min. ☐ max. ☐ °C ?

d) Surface type of the ground (Mention the colour / rough or shiny) ☐

e) Distance between background and the object

approx min. ☐ mm approx max. ☐ mm

f) Is there high difference between background and object, in terms of colour and reflecting ability

☐ yes, what kind? ☐ no

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

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

10. Which electrical version do you need ?

a) supply voltage

☐ V AC ☐ V DC

b) output signal

☐ 0/4-20 mA
☐ 0-10 V
☐ Digital

c) connection type

☐ connector
☐ cable
length ☐

Proxitron
SENSORS MADE IN GERMANY

MANGLAM
ELECTRICALS
Components Distribution

Laser Distance Meter

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

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

Thank you for your valuable time

Your details?

a) Company
b) Address
c) Contact person
d) Phone
e) E-mail