

# LiDAR Robust LIA/B 010

Measurement, detection, warning ... withstand!

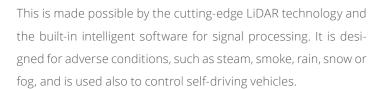


# Lidar Lia/B 010

An amazing number of possibilities thanks to built-in LiDAR technology and software interface

## Powerful, User-friendly and Fair price

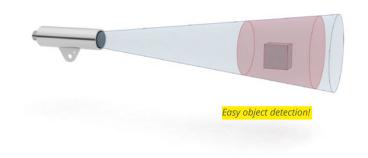
Proxitron sensors for the steel industry have always been robust and wear resistant; distinguishing themselves as maintenance-free. The new LIA 010 and LIB 010 fit this concept: they are real All-Around problem solvers in their functions and impress with a variety of possible applications, in known robust design. Whether for simple presence and object detection in a defined range of max 40 meters, and/or for distance measurement, in both cases our new LIA/B 010 are at ease. Although their performance compare to high priced laser systems, their price is like a light barrier.



# The software

As to operating and parameterizing comfort, the new LIA/B 010 beat any other system. In the spirit of Industry 4.0 they are provided with an intuitive and simple software interface. The LIA/B 010 have two switching outputs and one analog signal. The switching outputs can be parameterized in relation to a defined active range so that the sensor monitors this area and switches within this distance window only.

A variety of parameters are actively processed and visualized from continuing operations. The system uses MODBUS RTU for communication and thus can be quickly integrated into existing bus systems.



#### Properties

- · Distance range up to 40 m
- · Programmable
- · Two digital outputs, fully parameterizable
- · Measurement and detection in defined areas
- · Robust stainless steel housing
- · Usable up to 200 °C with cooling
- $\cdot$  Operating also with steam, smoke, rain, snow and fog
- · Analog output 4 20 mA
- · RS 485 interface (MODBUS RTU)

### Applications

- · Object detection
- · Distance measurement
- · Collision warning
- · Bulk material control

