MultiTalent LiD010

Measurement, detection, warning ... impressive!
**MultiTalent LiD010**

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

**Powerful, User-friendly and Fair price**

Proxitron sensors have always been robust and wear resistant; distinguishing themselves as maintenance-free. The new LiD010 fits this concept: it is a real All-Around problem solver in its functions and impresses with a variety of possible applications, both indoors and out. 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 LiD010 is at ease. Although its performance compares to high priced laser systems, its price is like an extended range proximity sensor.

This is made possible by the cutting-edge LiDAR technology and the built-in intelligent software for signal processing. It is designed for adverse conditions, such as steam, smoke, rain, snow or fog, and is used also to control self-driving vehicles.

**The software**

As to operating and parameterizing comfort, the new LiD010 beats any other system. In the spirit of Industry 4.0 it has been provided with an intuitive and simple software interface. The LiD010 has 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
- Operating also with steam, smoke, rain, snow and fog
- Analog output 4 – 20 mA
- RS 485 interface

**Applications**

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

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