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 10 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.

1001 Possibilities!

Properties

· Distance range up to 10 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

Proxitron

SENSORS MADE IN GERMANY