

the **sensor** people

## MLDSET

Light Beam Safety Device Sets for  
access guarding with muting function



How **safety** becomes efficient.

## Fast and easy installation with Light Beam Safety Device Sets.

Our Light Beam Safety Device Sets are reliable complete muting systems which can be delivered pre-configured in different designs for the most common access guarding systems with muting.

In addition to the MLD 500 Multiple Light Beam Safety Devices, the sets include Light Beam Devices from the 25B Series, which are pre-aligned in the lateral mounting arms. These arms are mounted on UDC Device Columns in which the safety sensors are already installed, and can be very easily aligned during start-up.

The set variants differ in the number of beams of the safety sensors and in the height of the Device Column. Depending on the model, they enable timing controlled 2-sensor muting (T-shape design) as well as sequence controlled 2-sensor muting (L-shape design). In addition, systems for timing controlled 4-sensor muting can also be created with the modular sets.



Completely pre-configured  
Light Beam Safety Device Sets  
with muting function  
and integrated indicator.

## Five modular devices

for your optimal complete muting systems.



MLDSET – an **innovative modular principle** for more flexibility.

The idea is as simple as it is intuitive. Pre-configured sets made of modules perfectly matched to one another eliminate the need for elaborate searching for and combining of individual components as well as complex

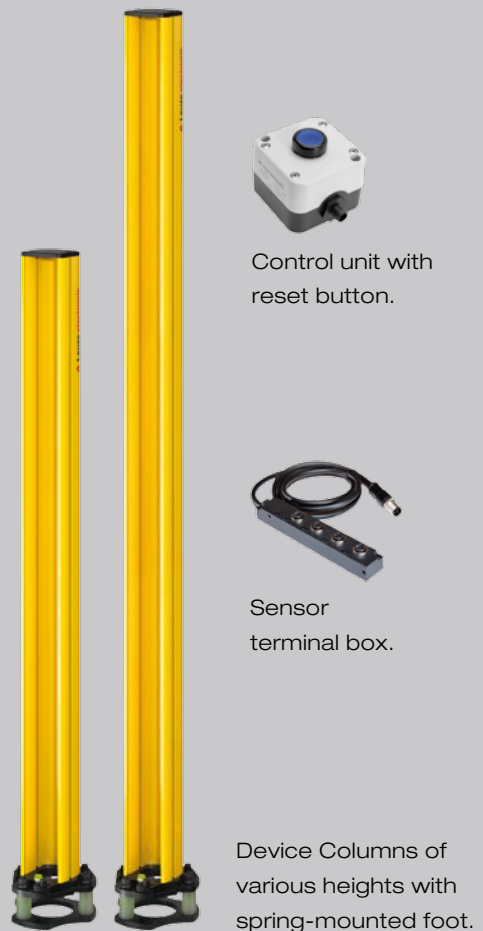
setup and start-up processes. This is how uncomplicated and efficient access guarding with and without muting functions can be implemented very easily with the newly-developed modular sets.

### Typical set components



Multiple Light Beam Safety Devices,  
2- or 3-beam.

Muting Sensor Sets  
with Light Beam Devices  
from the 25B Series.



Control unit with  
reset button.

Sensor  
terminal box.

Device Columns of  
various heights with  
spring-mounted foot.

The whole system is **well thought-out** and **well made** down to the last detail.



### **Benefits** at a glance.

- Customized sets for fast implementation of typical muting applications (2-sensor-muting, timing controlled, sequence controlled)
- Pre-mounted Plug & Play solution for easy installation contains everything you need: safety sensor with integrated muting indicator, matching Device Columns, pre-set accessories
- 2- and 3-beam transceiver with integrated muting indicator
- Device Columns with complete mounting kit for exact floor alignment; automatic resetting after mechanical impacts thanks to special spring elements

In addition to our existing range of sets for the implementation of the most common muting applications, additional Light Beam Safety Device Sets can also be realized on request for your individual tasks thanks to our modular principle.

Contact us – we'll find the right solution!

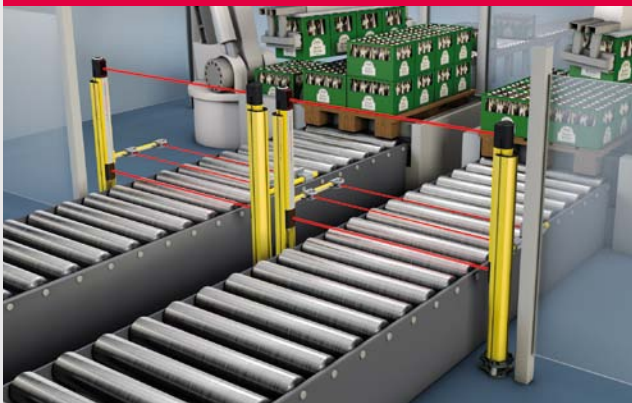


We solve tasks with our **systems** and extensive **application know-how**.

**Typical areas of application** of the MLDSET systems.

- Access guarding with muting in conveyor and storage systems
- Roller conveyor safeguarding, pallet transfer stations
- Palletizers, wrapping systems, robot cells, automatic processing centers

**Palletizer**



**Bottle container wrapping system**



**Pallet wrapping system**



**Robot cell**



## **Optoelectronic Sensors**

Cubic Series  
Cylindrical Sensors, Mini Sensors, Fiber Optic Sensors  
Measuring sensors  
Special Sensors  
Light curtains  
Forked Sensors  
Double Sheet Monitoring, Splice Detection  
Inductive Sensors  
Accessories

## **Identification Systems**

### **Data Transmission Systems**

### **Distance Measurement**

Bar Code Readers  
RF-IDent Systems  
Modular Interfacing Units  
Industrial Image Processing Systems  
Optical Data Transmission Systems  
Optical Distance Measurement/Positioning  
Mobile code readers

## **Safety Sensors**

### **Safety Systems**

### **Safety Services**

Safety Laser Scanner  
Safety Light Curtains  
Transceivers and Multiple Light Beam Safety Devices  
Single Beam Safety Devices  
AS-i-Safety Product Range  
Safety Sensor Technology for PROFIBUS DP  
Safety Switches, Locking Devices, Command Devices  
Safety relays/controllers  
Sensor Accessories and Signal Devices  
Safety Engineering Software  
Machine Safety Services

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