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.
**Typical set components**

- **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.

- **Control unit with reset button.**
- **Sensor terminal box.**
- **Device Columns of various heights with spring-mounted foot.**
- **Multiple Light Beam Safety Devices, 2- or 3-beam.**
- **Muting Sensor Sets with Light Beam Devices from the 25B Series.**
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, palette transfer stations
- Palletizers, wrapping systems, robot cells, automatic processing centers
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