

## Product report

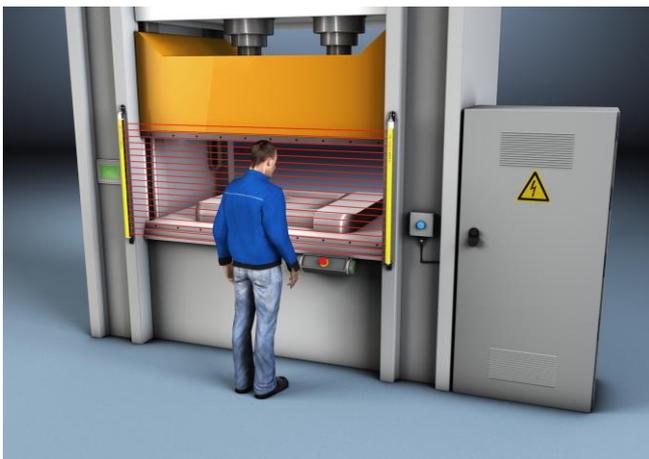
### Vibration resistant and robust

**Leuze electronic presents a new model in the safety light curtain series MLC 500 as well as new RFID-based safety locking devices L300.**

*Owen, 1 February 2016* Leuze electronic presents a new model in its MLC 500 safety light curtain series: The MLC 500/V was especially developed for applications under extreme acceleration or vibration stresses, such as on mechanical presses.

At 29 x 35 mm the new model is extremely slim - like the entire series. Additional protection is offered by the vibration-dampening swivel mount BT-2R1-S, which compensates vibrations before they reach the instrument. That allows the MLC 500 to quickly and simply be installed and adjusted at the machine.

On "extended devices" of these V-models, the user can choose from three scan modes and therefore optimize the availability even under difficult environmental conditions. Fixed or adjustable beam blanking simplifies workpiece feed within the protective field, a feature that allows efficient integration of the safety light curtain into the production process.



Also new in the Leuze electronic product line are the L300 series safety locking devices. These devices recognize the actuator electronically through RFID technology. Unique code actuators feature an individually taught encoding. This prevents the locking device



from ever being opened with another actuator from the L300 series. The actuators can have millions of different encodings and are therefore classified in the class of actuators with high encoding level acc. to EN ISO 14119.

The L300 series supports safety-related integration up to the highest safety level - performance level PL e in accordance with EN ISO 13849-1 and SIL 3 in accordance with EN 62061. The robust interlocking system with degrees of protection IP 67 and IP 69K guarantee a maximum locking force of 7500 N. That is one of the highest values available on the market today. Furthermore, the system holds the unlocked doors in position with a force of approximately 30 N and can thereby prevent them from being opened by vibrations or gusts of wind. An optional auxiliary release with lock and escape release button complement the optimal system design.



*Leuze electronic is one of the world's innovation leaders in optical sensors and is internationally known as a leading manufacturer and solution provider in electrical automation – across all industries in machine and system construction and in medical technology. The product range includes switching and measuring sensors, identification systems, solutions for image processing and data transmission as well as components and systems for safety at work. Founded in 1963, the company, with headquarters in Owen/Teck (Germany), has specific application know-how as well as broad industry knowledge. More than 1000 employees at 22 locations work in development, production, sales and service, supported by more than 40 sales partners worldwide. Innovative product developments, tailor-made complete solutions and an extensive range of services stand for the “Smart Sensor Business” at Leuze electronic.*

**Press inquiries**

Leuze electronic GmbH + Co. KG, Owen  
Martina Schili, Phone +49 7021 573-116  
martina.schili@leuze.de, [www.leuze.de](http://www.leuze.de)

