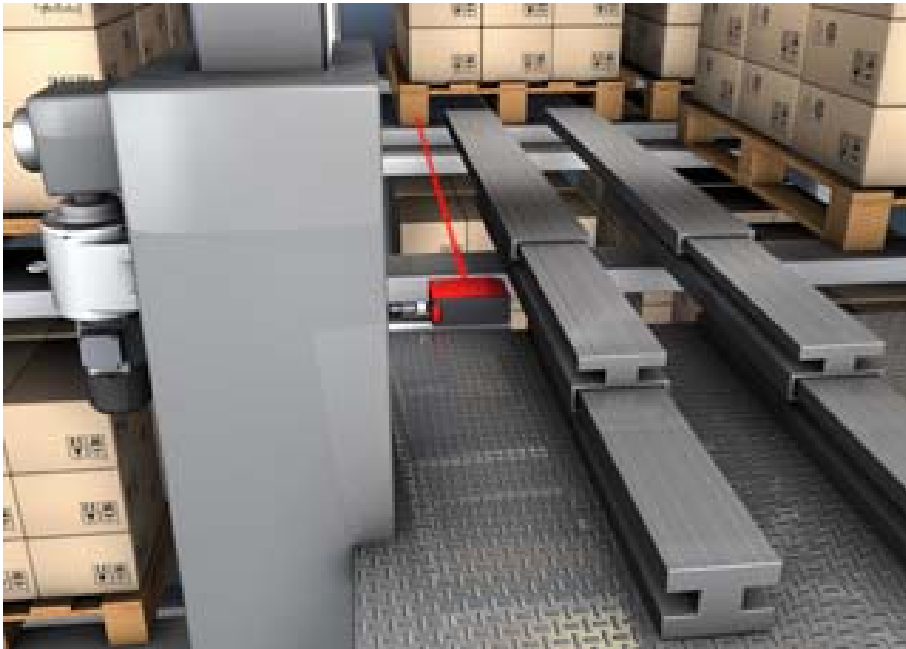


## Short report

### The all-rounder for high system availability



**The HRTL 96B laser light scanners from Leuze electronic are predestined for combined compartment occupation and feed-through monitoring in intralogistics systems.**

For applications in intralogistics, Leuze electronic has developed the HRTL laser light scanner in the 96B series. A complement to the standard sensors, this scanner unifies several essential functions which are necessary in particular for placing objects in/removing objects from storage, for example pallets, with a high-bay storage device (HBSD).

#### **Application in compartment occupation monitoring**

When the HBSD has reached the target position in an automatically-operated storage area, the sensor is then used for compartment occupation monitoring. With the help of a teach event, the distance in which the pallet is expected is determined. If the event is successfully completed, i.e. the pallet is in the correct space and expectancy window, the actual distance to the pallet is measured via an external teach event.



**Application in feed-through monitoring**

With the "fork cycle" control mode, certain movement actions in the storage area can be automatized. The operator simply drives towards the compartment in question, and with the press of a button, starts an automatic process during which the telescope fork is extended, lifted and retracted again. If a pallet is moved during the fork cycle, this is recognized right away by the HRTL 96B sensor. When this happens, the fork stops in time and the pallet is reliably prevented from falling. The scanner is reset in the so-called compartment-full-mode via an additional input on the scanner – without losing time e.g. while driving to the next target.

**Alternative to elaborate mechanics**

The HRTL 96B laser light scanners represent a cost-effective alternative to elaborate feed-through safeguard mechanics. If bent or missing mechanical safeguards cannot be renewed right away, the HRTL 96B lends itself as an additional monitoring device. Its robust behavior when confronted with light sources and interference contours in close-up and distant ranges and its reliability even in the case of different surfaces and materials as well as dynamic backgrounds, such as with passing-by HBSDs, makes maximum system availability possible.

**Press inquiries**

Leuze electronic GmbH + Co. KG  
Matthias May, Tel. +49 8141 5350-123  
matthias.may@leuze.de, www.leuze.com

