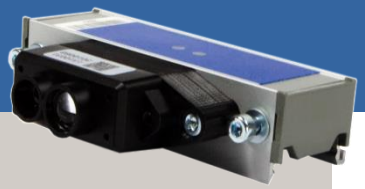


E-Kanban System «*SEKAN*»



Fill level sensor for electronic inventory monitoring in e-kanban flow racks

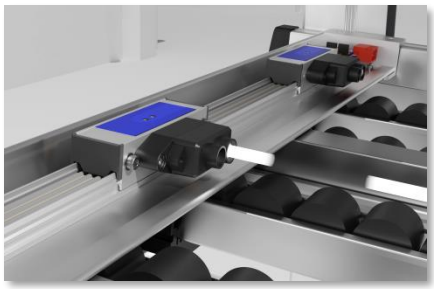
The level sensor module is designed to facilitate electronic material replenishment for e-kanban systems.

High-precision distance sensor

The container fill level is continuously monitored by a powerful distance sensor which **automatically reports** a **required material replenishment** to the refill control of the higher-level system.
For this purpose, the module is attached to the filling side of the kanban flow rack.

Efficient monitoring through optimized use

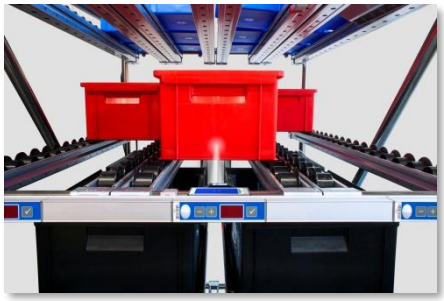
The technology used makes it possible that **only one sensor per flow rack channel** is required for fill level detection and cable guides within the flow rack channel are no longer necessary.



Automatic level detection with SEKAN fill level sensor.

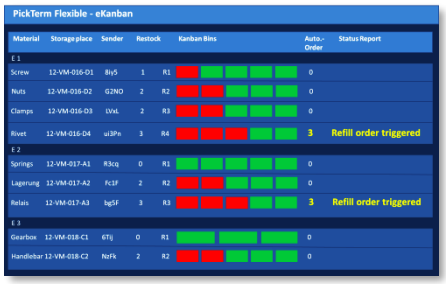
Combinable with Put-to-Light module

The combination with a Put-to-Light module supports the refilling process: as a Put-to-Light system with a bright eye-catching lamp, it is faster, more reliable and less susceptible to errors.



Real-time display of thereplenishment situation

By means of simple to use software, the minimum level, refill order quantities, replenishment request intervals, etc. can be parameterised simply and electronic replenishment requests thus generated.



Possible applications of sensor module SEKAN

- **Support of refilling processes of assembly and production workstations.**

The benefits at a glance

- **Process optimization through electronic detection.**
- **Automatic demand notification in real time.**
- **Only one sensor per flow rack channel for exact level monitoring.**
- **Reliable fill level monitoring of rack depths up to 4 m.**
- **No cable routing, no battery or radio problems.**
- **For all common small load carrier sizes and rack types.**
- **Simple to mount.**

Seamless integration into existing kanban racks, also in combination with a KBS pick-to-light or put-to-light system.

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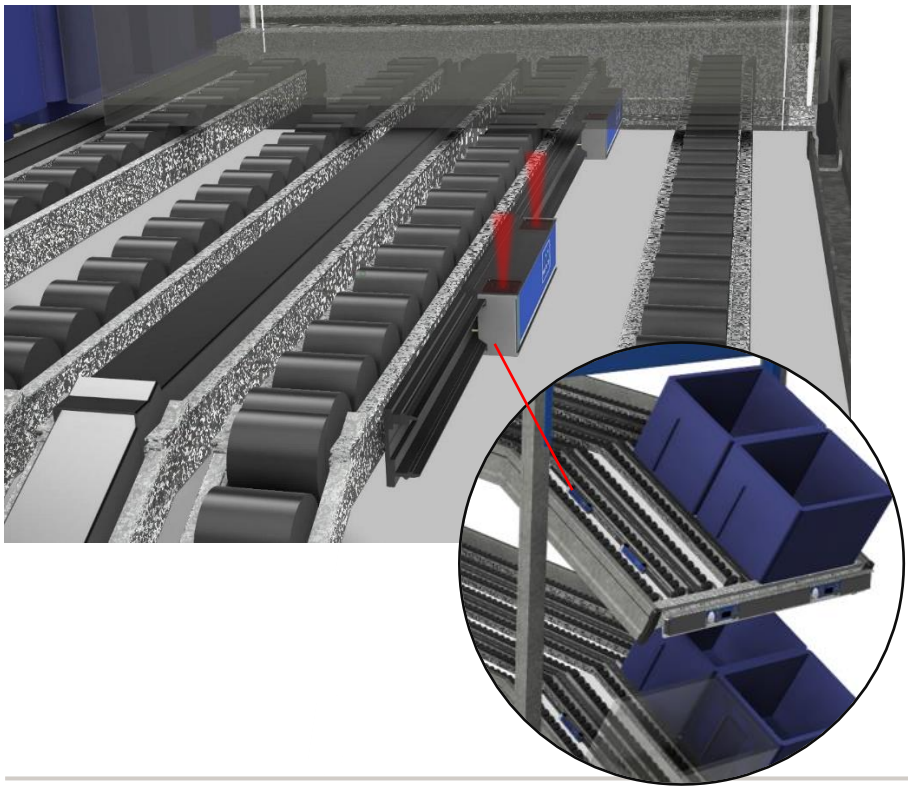
Fill Level Sensor Version «SEKAN-UP»

The SEKAN-UP presence sensor was designed as a complementary solution for level detection in racks where containers cannot otherwise be detected due to the rack design — such as an angled rack front. SEKAN-UP closes this gap.



While the SEKAN distance sensor is optimally designed for detection on the standard-sloped levels of a kanban flow rack, SEKAN-UP ensures reliable detection of containers in the section with a steeply sloped retrieval front.

The combination of the SEKAN distance sensor and the SEKAN-UP presence sensor ensures complete and reliable fill level detection regardless of the rack configuration.



Technical Details

- **Sensor detection range: +/- 40°**
- **Maximum detection distance to the box: 15-20 cm**
- **Easy installation: Mounting rail is to be hooked onto the canban flow rack**
- **Snap-On technology of the SEKAN-UP module**
- **2 status LEDs**



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