



Fill Level Sensor «SEKAN»

Fill level sensor for electronic refill control in e-kanban flow racks

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

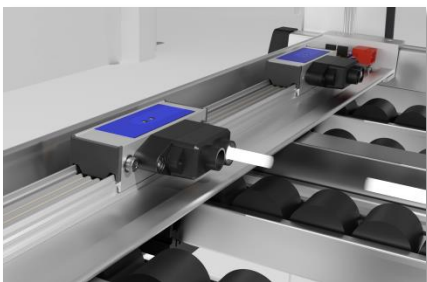
High-precision distance sensor

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

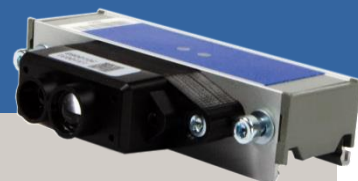
The combination with a Put-to-Light module supports the refilling process: as a Put-to-Light system with a bright eye-catching lamp, it is faster, more reliable and less susceptible to errors.



Real-time display of the replenishment 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.

PickTerm Flexible - eKanban									
Material	Storage place	Sender	Receiver	Kanban Bins				Auto-Order	Status Report
E.1									
Screw	12-VM-016-01	BtS	1	R1	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	0	
Nuts	12-VM-016-02	G2ND	2	R2	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	0	
Clamps	12-VM-016-03	UVL	2	R3	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	0	
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E.2									
Springs	12-VM-017-A1	R3q	0	R1	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	0	
Lagerung	12-VM-017-A2	RCF	2	R2	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	0	
Retels	12-VM-017-A3	tgSP	3	R3	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	3	Refill order triggered
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Handiebar	12-VM-018-C2	ReFs	2	R2	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	0	



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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