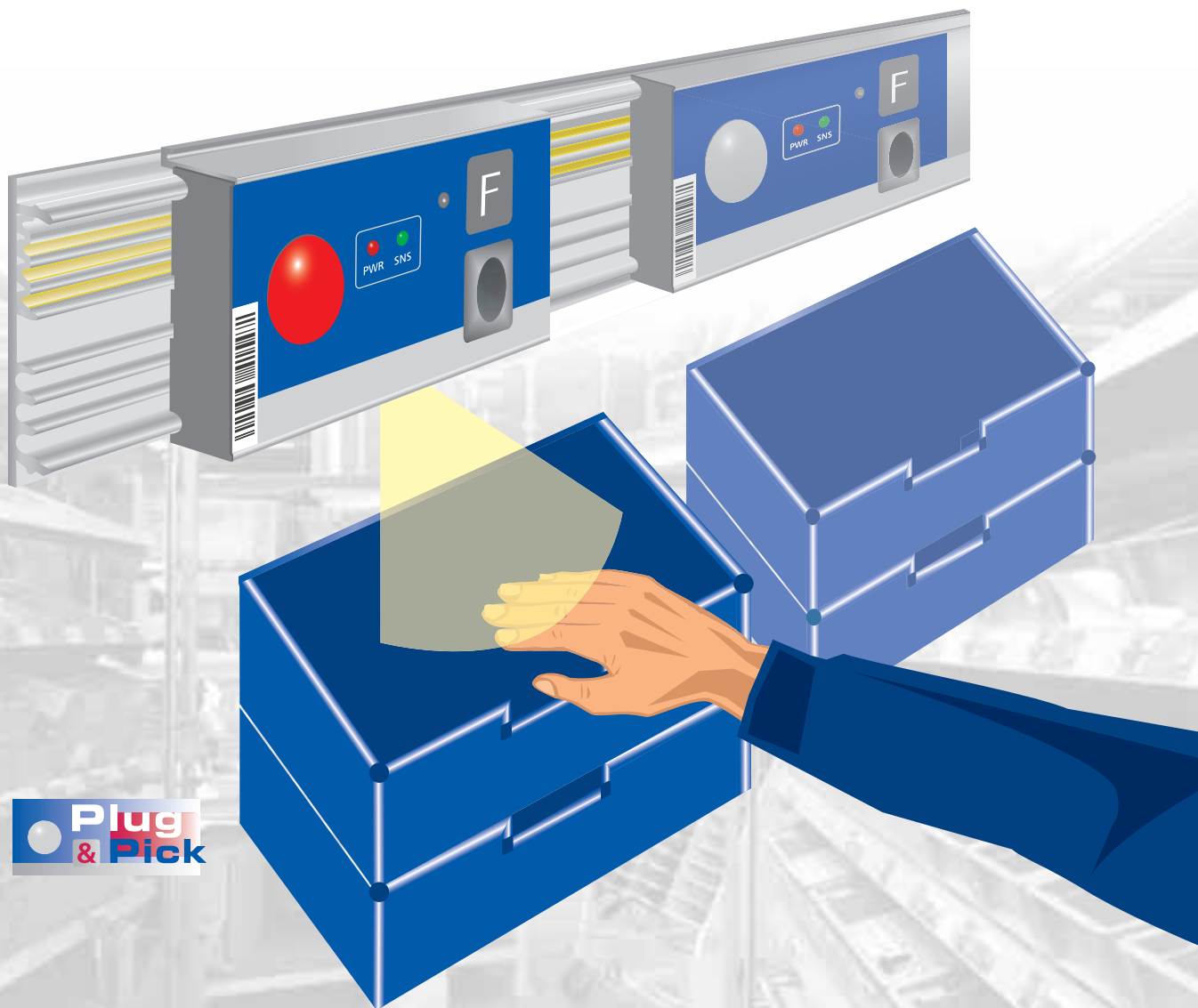


Reliable production and
provision thanks to

PickTerm *Sentinel*



KBS Industrieelektronik GmbH **KBS**

The objective in the provision of material is to reduce costs by means of optimising the flow of work. Continuously decreasing product life cycles, permanently increasing product quality and ever tighter delivery schedules result in a large number of variations and decreasing batch sizes.

PickTerm

Sentinel

● General information

The demands on the production of today can only be met by means of highest flexibility in the assembly departments. This means, there have to be manual workplaces in final assembly. However, flexibility also includes that more time will be needed to supply the individual parts for the processes.

PickTerm + intervention monitoring

= PickTerm

Sentinel

● The demand


In the logistics line of business, "zero error commissioning" is aimed at. In production this would mean that "zero error provision" would be the optimum. The existing concept of provision and picking by means of a printed piece list holds many sources of error. In addition, the processing of printed piece lists is very time-consuming.

● The solution

Each warehouse compartment in the provision shelf is equipped with a compartment display. This compartment display indicates reliably and rapidly from which compartment the operator has to make his pick. Due to this visual display, the required material can be found in no time. The operator acknowledges the pick by pressing a key on the corresponding compartment display. However, with this procedure it is still possible that the operator reaches into the wrong compartment.

● The "Sentinel" procedure

To eliminate this residual risk of incorrect intervention, the **PickTerm**-procedure has been developed. With this method, each compartment display is equipped with an intervention monitoring system, which is located directly on the compartment display. This system checks whether or not the operator may reach into the compartment in question. If the operator reaches into the wrong compartment, the system can react in different ways (acoustically or visually). The operator is informed about his error before the wrong workpiece is processed.

- Monitoring of the intervention
- Acknowledgment by pressing a key or by the intervention
- Visual or acoustic message in case of an error
- Flexible adaptation to the warehouse compartments due to 
- Multicoloured eye-catching lamp
- Automatic configuration

In addition to the innovative intervention monitoring, the compartment displays of the **PickTerm**-series have all the characteristic features of the **PickTerm**-family. The compartment displays of the **PickTerm**-series can be engaged into the shelf at any position without effort.

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