



PickTerm Sentinel PTF-L-5

Access monitoring with PTF-L-5 - reliable prevention of faulty removals

Application

Pick-by-light to support picking in parts or item provision is finding more and more ranges of application, also and especially in production.

It is especially important here to avoid errors during provisioning that might lead to fault products or rework incurring high costs.

Sensory analysis for the detection of faulty access

A newly developed sensory analysis for access monitoring is the main feature of the Sentinel PTF-L-5 module, that also has a luminous seven-colour eye-catching lamp as well as one function key and one acknowledgement button each.

Flexibility during evaluation

The application decides how the signal of a detected access is evaluated. In the case of "access monitoring", it will check whether the affected shelf may be accessed or not. If the user reaches into a shelf that is not released, the system has different options to react (acoustically or visually). The operator is made aware of the faulty access before the wrong part can be processed.

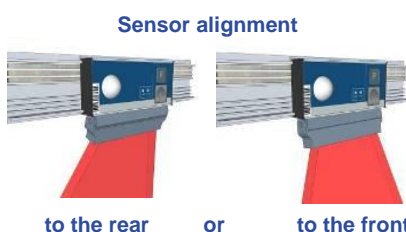
The access signal can also be used for removal confirmation and thus replace pressing the acknowledgement button, which could speed up picking considerably.

The user should be able to hold the removed quantity safely with one grip with this application.

Flexibility during integration

The sensory analysis of PTF-L-5 was developed in terms of integration in shelving or other storage locations that is as convenient as possible. The sensor module can be swivelled to the front and the rear to allow adjustment of the monitoring area to the shelving technology.

The sensitivity of the sensory analysis as well as the lateral monitoring area can be configured for ideal adjustment to all kinds of environmental conditions.



The benefits at a glance

- Safe avoidance of faulty removals
- Fast acknowledgement without manual operation
- High flexibility of integration Even into existing systems
- Use possible also for automatic acknowledgement

Specifications:

Dimensions W x H

105 mm x 80 mm

Operating temperature

-30°C to 50°C

Suitable for container widths

from 100 to approx. 800 mm

Operating range

up to approx. 700 mm

Visible LED spot as an aid for settings

Compatible with all PickTerm Flexible components from KBS

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