



# HRT 25B — LONG RANGE

Small long range sensor with background suppression for large operating range

*easy* handling.



# COMPACT, RELIABLE, COST-EFFECTIVE

For the reliable detection of objects at over 2 m in conveyor systems and high-bay warehouses with a particularly compact sensor design

## EXTREMELY LOW CURRENT CONSUMPTION — IDEAL FOR SHUTTLES

The particularly compact design allows the multifunctional use in applications where each millimeter counts. The color-independent switching diffuse reflection sensor with background suppression in infrared technology with 2 independent switching points is especially suitable for object detection, e. g. in high-bay warehouses. Only the novel combination of fast measurements and a configurable switching function enabled the development of this product so far unique in size, rounding off the product range of long range sensors.

### easyhandling.

- Compact design
- Switching point adjustment
- Status display in the optics
- Line teach

### powerreserve.

- Extremely small sw error
- IR for high color independence
- Operating range up to 2.5 m



Technical data	HRT 25B – LR
Dimensions	39 × 15 × 29 mm
Region of interest	50 – 2,500 mm
Light source	Infrared
Switching outputs	Push-pull
Switching frequency	30 Hz
Repeatability	± 15 mm
Black-white error	± 25 mm
Current consumption	approx. 30 mA



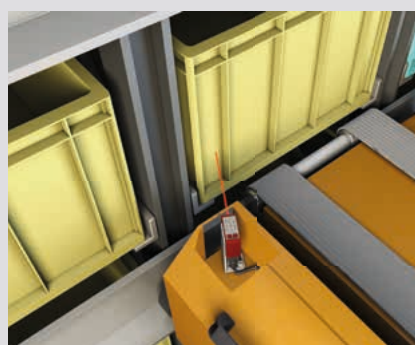
### Typical applications

- AGV, shuttles
- High-bay storage devices
- Load receptacles

(Compartment) occupation check



Presence check for containers or pallets



Shuttle

