

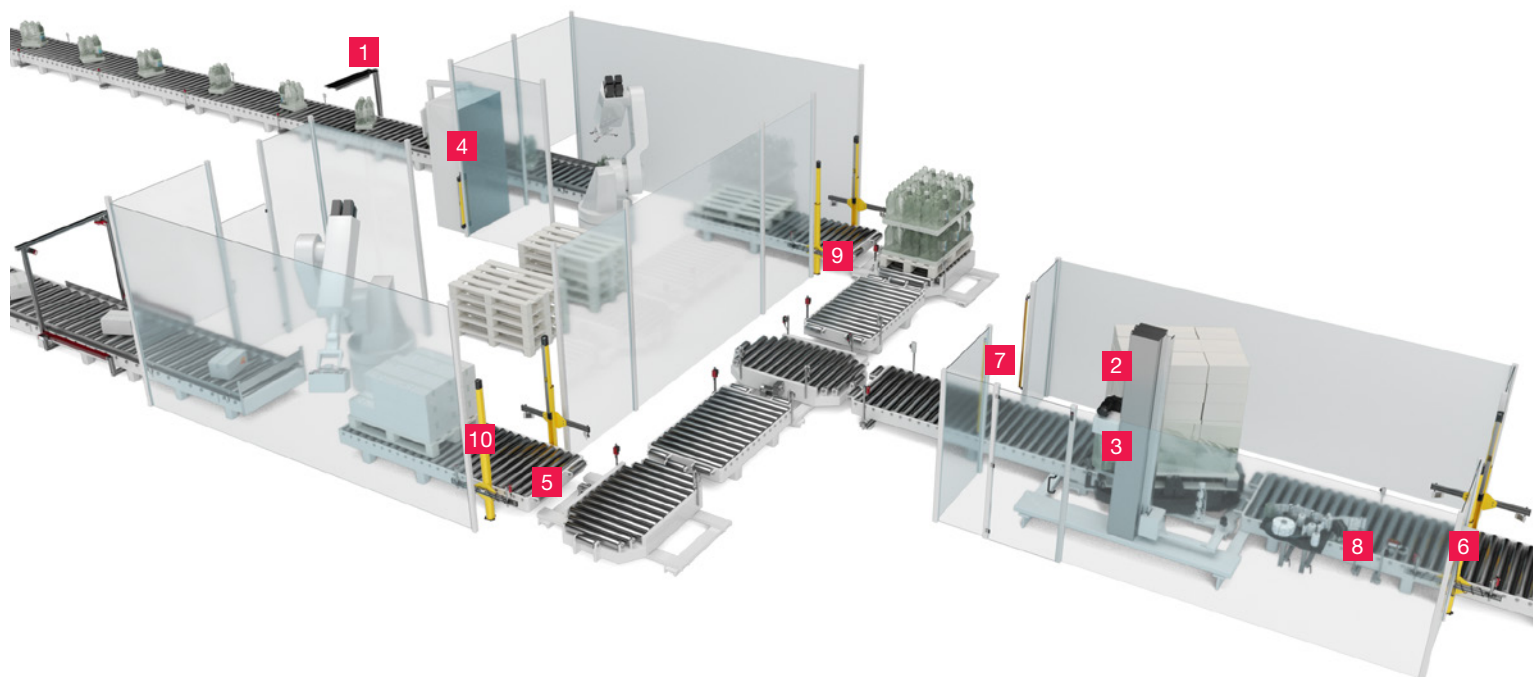
SENSOR SOLUTIONS FOR END-OF-LINE

On the right path: Identification and sorting that is efficient and safe for people and machinery.

End-of-line in factory automation refers to the transition from production to storage and transport logistics. The machines used are characterized by an extremely high level of automation with standardized processes. In addition, the machines must have optimum safeguarding in order to comply with all occupational health and safety regulations. The reliable identification of packages ensures a precise and fault-free flow of material.

As far as the efficient and safe design of operational safety zones is concerned, the MLC SPG safety light curtains are streets ahead of compa-

table solutions because they enable space-saving and tamperproof muting without the need for additional sensors. The RK 46 VarOS retro-reflective photoelectric sensors supply interruption-free presence signals, even in the case of irregularly shaped objects or objects with openings such as pallets or cages. As sensors for interruption-free muting, they also do more than standard sensors, e.g. if gaps in the load are to be detected. The 25C and 46C series sensors reliably suppress interference caused by reflective films in order to ensure that the object is detected correctly.



1 Alignment monitoring for packages

CML in V-arrangement

2 Monitoring of end positions

IS 244

3 Foil detection

PRK 3C, 25C

4 Integration of safety sensors

MSI 400

5 Interruption-free muting

RK 46C VarOS

6 Access guarding

MLD-SET

7 Access guarding

MLC 530 SPG

8 Code identification

BCL 500i

9 Pallet detection

RK 46C VarOS

10 Detection of projections on pallet load

CSL 710, CSL 505