

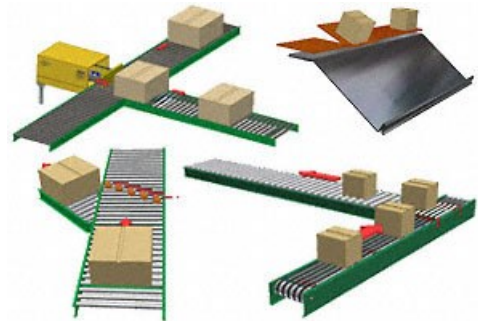
High Speed Sortation System

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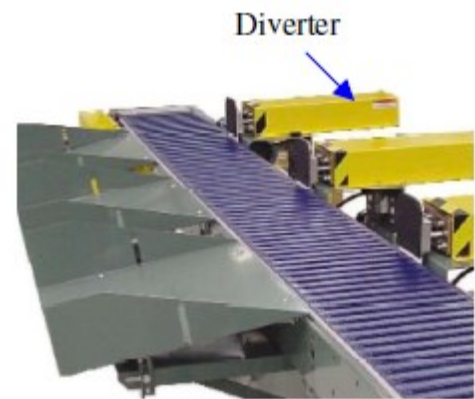
Application

High Speed Sortation systems are used when a fairly high flow of cases, parcels or items need to flow to different locations. Locations may be other conveyors, transport routes, or order consolidation assignments.



Requirement

Items are identified prior to reaching the sorting area. A controller alerts a particular sensor and diverting mechanism that an item is approaching. Upon arrival to the sorting area, an optical sensor verifies the position of the item. When the item arrives at the sorting area, a sensor signals the precise time when the diverter needs to be activated. The item is sorted successfully.



Solution

Emitter and Sensor Pair

OPB856Z

- Rugged package is perfect for industrial applications
- Non-contact switching can be used in thru-beam, diffuse or retro-reflective mode
- Variable sensing distance up to 12" (30.48cm)
- Package design makes the device less sensitive to ambient light interference

OPB100Z

- Low profile, snap-in mounting design
- Non-contact switching can be used in thru-beam, diffuse or retro-reflective mode
- Variable sensing distance up to 36" (91.4cm)
- Excellent electrical characteristics



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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