

# Long Range Optical Switch for Conveyor Systems

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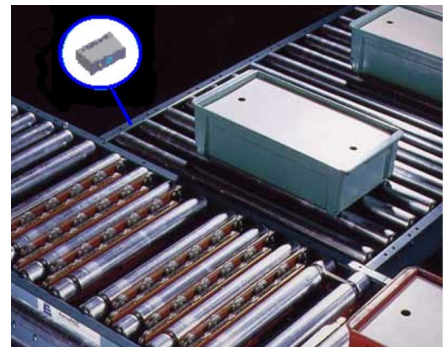
## Application

Accumulation Conveyors provide a way to transport packages on the conveyor until given a release signal. By preventing contact between packages, accumulation conveyors not only prevent packages from colliding with each other, but also prevent jams along the line.



## Requirement

A typical accumulation conveyor is divided into sections. Each section contains an actuator and a sensor. The actuators are controlled by a central unit, which gathers information from the sensors. Unlike mechanical sensors, optical sensors provide the optimal sensing solution because its operation is not affected by the weight of the target object, and the sensor lifetime is independent of the mechanical use.



## Solution

### OPB720, Long Distance Reflective Switch

- Reflective or interruptive mode
- Detection distance from 0.04" to 24" reflective mode, 3 to 10 feet interruptive mode
- Compact plastic package

### OPB100 Sensor Pair

- Best performance in an interruptive mode
- Variable sensing distance up to 1 meter
- Integral universal mounting clips

Easy installation and maintenance. Custom designs also available.



#### 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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