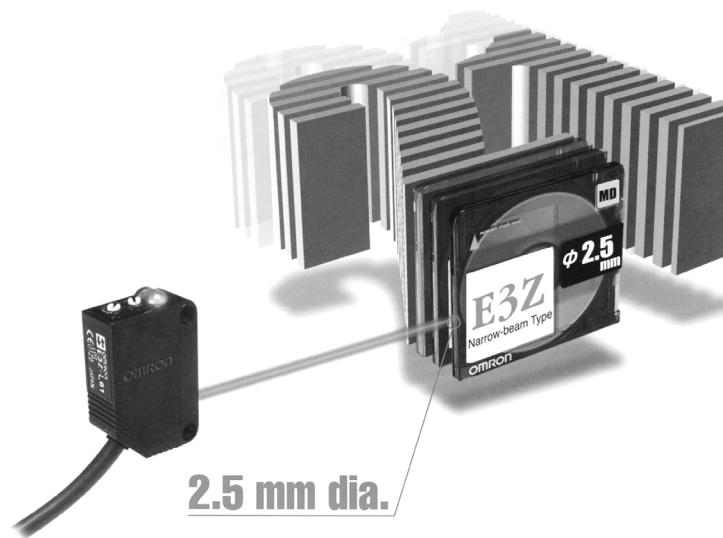


Narrow Beam model

Ideal for detecting small objects with a small spot:

- Tiny objects as little as 0.1 mm in diameter can be detected with its 2.5-mm dia. spot.
- The thin beam enables detection through gaps or small holes.
- The high-intensity spot of light enables visual alignment of sensing spot position.



Transparent PET bottles

Stable detection of recyclable thin-wall PET bottles.

Standard-size transparent object sensor

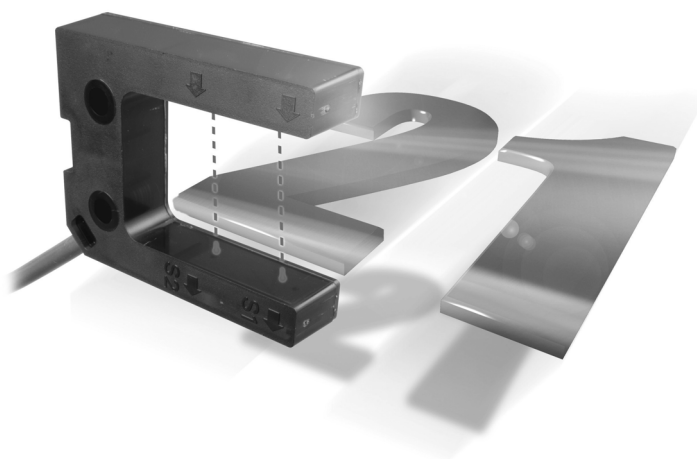
- Uses OMRON's unique optical system ("Inner View") that can detect various shapes of PET bottles and transparent objects.
- Detects a wide range of bottles regardless of size and facets



Fork Sensor, single and dual beam versions

Fork design eliminates the need for optical axis adjustment.

- Two-axis models also available.
- Ideal for limit of travel monitoring.
- Condition monitoring.
- „Flag“ identification.



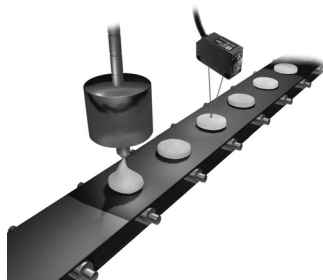
Applications

E3Z-LS background and foreground suppression models

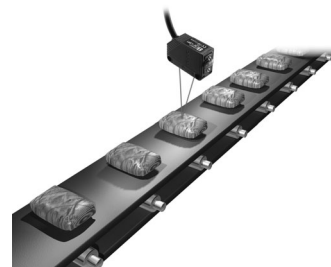
Detecting covers on cosmetic products



Detecting pastries on conveyor belts

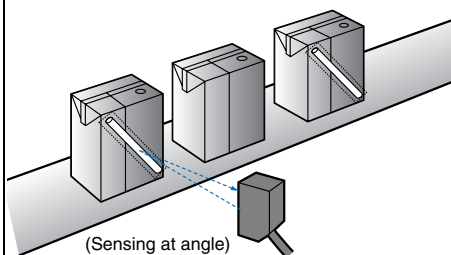


Detecting packaged chewing gum or candy

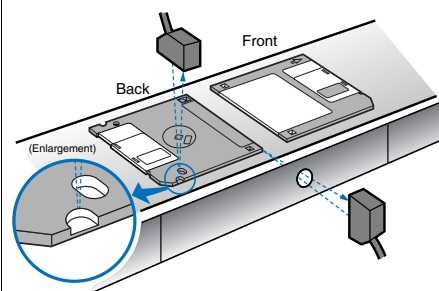


E3Z-L narrow beam models

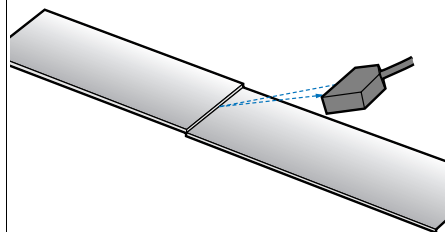
Checking for straws



Determining front/back or orientation of floppy disks

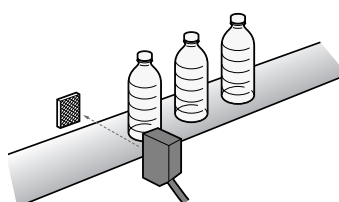


Detecting uneven joints

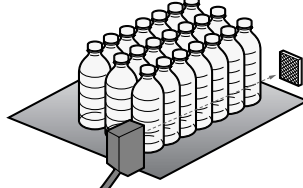


E3Z-B transparent object model

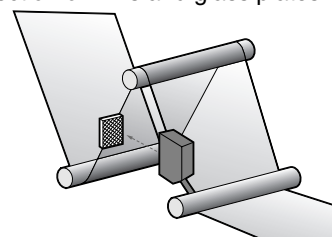
Transparent PET Bottle-related Detection
- One bottle



Transparent PET Bottle related Detection
- Multiple bottles (Stocker)



Detection of films and glass plates



E3Z-G grooved type model

Crane and automated warehouse conveyor table passage inspection and positioning.

