

Environmental protection

Photoelectric Sensor with Built-in Amplifier



Earth-friendly energy-saving type.

Power Consumption Comparison

Conventional sensor

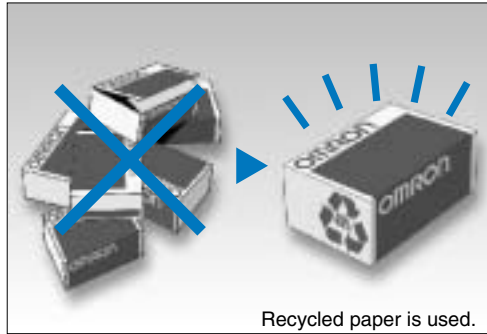
E3Z

Approx. 30 % less

Saves energy *

* The above figure is based on measurement under normal operating conditions.

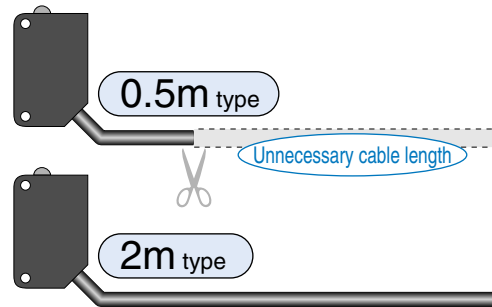
10-quantity packing reduces waste cartons.



Packed in "combustible" polyethylene bags free of Styrofoam. *

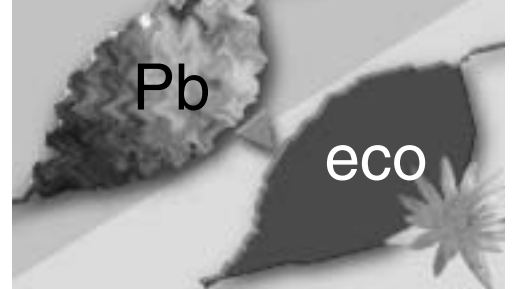


Standard models provided with a 0.5-m cable are available for the elimination of unnecessary cable length.



On-going elimination of materials containing lead.

Uses environmentally friendly, lead-free solder.



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 a 2.5-mm dia. spot.
- A thin beam enables detection through a gap or small hole.
- The small spot of light enables visual checking of sensing spot position.



Transparent PET bottles

Stable detection of thin-wall PET bottles adequate for recycling
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 from 500-ml bottles to 2-l bottles, and from single bottles to sets of stocked bottles.



Reduced adjustment

Grooved design eliminates the need for optical axis adjustment.

- Two-axis models also available..

