

Photoelectric switch with built-in amplifier (long distance) in plastic housing

E3G

Retroreflective Models

- Sensing Distance of 10 m, with polarized light to detect shiny objects.
- Operation stability monitored by the stability indicator.

Distance-setting Models

- Distance setting models with a long 2 m sensing distance incorporate a teaching function.
- Set sensing area (zone setting) function allows detection of shiny objects with uneven surface.

Common Features

- Meets IEC IP67 requirements.
- M12 rotary connector, pre-wired or terminal block connection

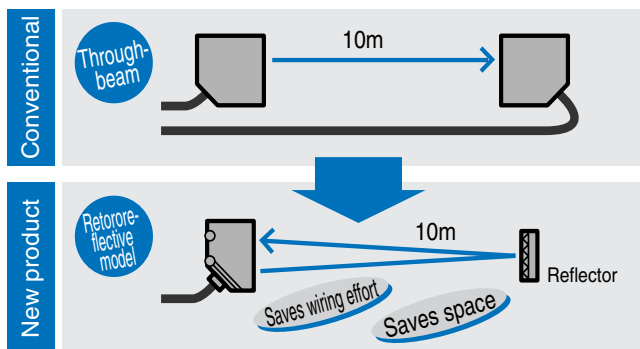


Features

Retroreflective Models

Though the Size Is Compact, the Sensing Distance Is as Long as 10m.

Replace the conventional through-beam model with the retroreflective model for saving wiring and installation space.



Easy monitoring of Operation stability by means of stability indicator.



Distance-setting

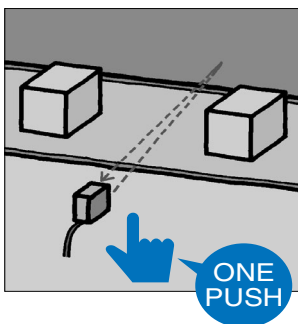
Distance-setting Models with a Long 2-m Sensing Distance Incorporate a Teaching Function

Sensitivity adjustment without being influenced by background objects is possible by simply pressing a button. Useful for teaching without a sensing object.

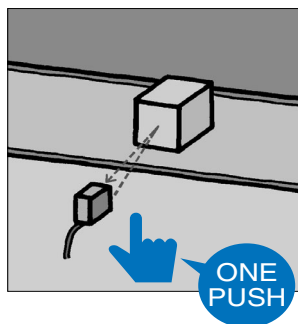
Easy Optimum Sensing Distance Adjustments

Teaching with and without a sensing object ensures highly accurate detection without influence from the background.

Without sensing object

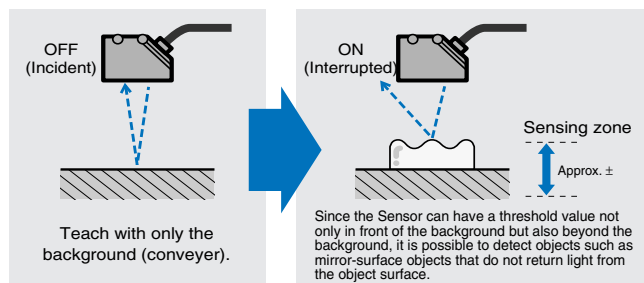


With sensing object



Zone Setting Function

Effective for detecting glossy objects, which were difficult to detect with conventional sensors. (D-ON)



General

Select either transistor (NPN/PNP selectable) or relay output. Three connection methods (plus a model with a timer function). Select either a DC power supply or a variable power supply: 24 V to 240 VAC or 12 to 240 VDC).

IEC Standard IP67 Water Proofing

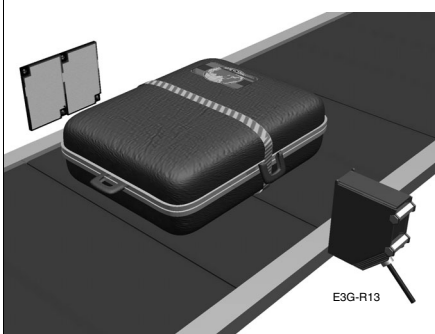


M12 Rotary Connector Available on Models with DC Power Supplies

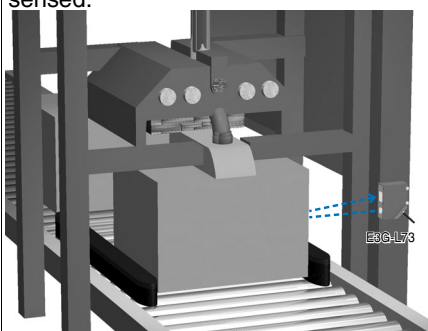


Application

Detection of large works
Retroreflective model can make long-distance detection, saving wiring.



Detection of large corrugated cardboard
Just by installing the sensor on one side, only the boxes to be detected shall be sensed.



Detection of cars in multi-story parking lot

