

Photoelectric Sensors

Selection guide P.0221—P.0250 ▶



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<p>BGS photoelectric sensors type</p> 	<p>Cost-effective type</p>	<p>PX-400</p> <p>P.0225 ▶</p>
<p>Built-in amplifier photoelectric sensors</p> 	<p>Built-in amplifier photoelectric sensors</p>	<p>PK-L</p> <p>P.0227 ▶</p>

Selection guide

Photoelectric sensors

Product Category

PL-Z
PX-400
PK-L
PH2-T
PM-T
PQ-100
SE2-*45
SE2-*25
SE-400

Fiber Optic Sensors

Photoelectric Sensors

Color Sensors

Laser Sensors

Inductive Proximity Sensors

Precision Contact Sensors

Area/Safety Light Curtain

Laser Scanners

Digital Contact Sensors

Laser Displacement Sensors

Distance Laser Sensors

Confocal Displacement Sensors

Barcode Scanners

Infrared Temperature Sensors

Digital Pressure Sensors

Gate Magnetic Sensors

Ultrasonic Displacement Sensors

Magnetic Scale

Static Eliminators

Rugged, high-precision type background suppression

PL-Z series



P.0225

- Superb background suppression effect
- Infrared light, red LED selectable

Cost-effective background suppression photoelectric sensors

PX-400 series



P.0227

- Stable detection regardless of object color
- High speed response of less than 1ms

Built-in amplifier photoelectric sensors

PK-L series

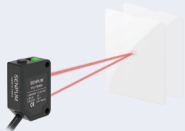


P.0229

- Maximum detection distance of up to 15m for the thrubeam type
- High-quality red LED light source for easy commissioning

Transparent object detection

PH2-T series



P.0233

- Transparent and strongly transparent detection type for easy detection
- Adjustable sensitivity and normally open/closed

M12/M18 Cylindrical type

PM-T series



P.0235

- Rugged metal housing
- Screw mounting for easy and convenient installation

Liquid level type

PQ-100 series



P.0239

- Fixed outside the transparent pipe to detect liquid level
- Normally open and normally closed status selectable

Small slot type

SE2-*45 series



P.0241

- K/T/L/Y/F/H types available
- 1ms high response time

Small slot type

SE2-*25 series



P.0245

- K/L/U/F/R types available
- 1ms high response time

Medium slot type

SE-400 series

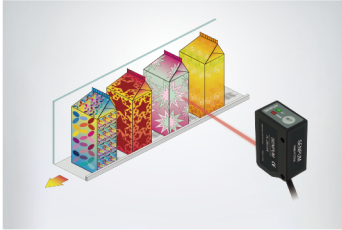


P.0249

- 10mm,13mm widths available
- Small and medium-sized slots are suitable for testing more specification

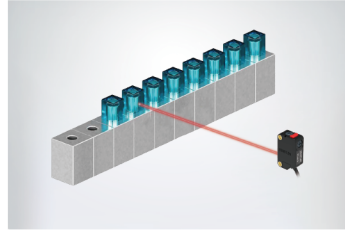
Photoelectric sensor detection example

Application Scene



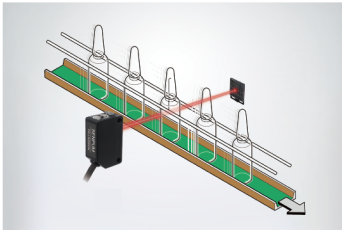
Detected absence and presence of colored bags

Use PL-ZB015N reflective type to detect the presence or absence of bags in the assembly line.



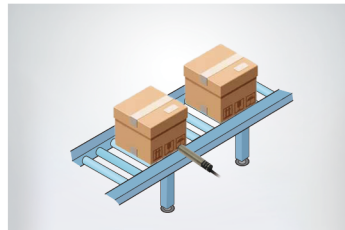
Detected absence and presence of electric components

PX-441N small spot type, detects the presence or absence of electronic components.



Detection of deformable transparent objects

Widely used in the medical field, it is independent of the shape of the object to be detected, easy and stable detection.



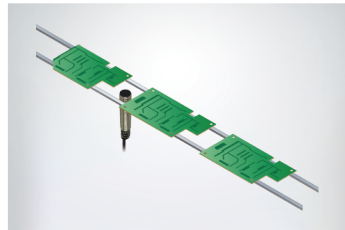
Detecting the presence or absence of boxes on the assembly line

PM-T1210N efficiently and stably detects the presence or absence of packing boxes on the assembly line.



Detecting the number of gears

Detecting Home Positioning with SE2-*25.



Detecting the presence or absence of PCBs

PM-T1210N detects the presence or absence of PCB boards.

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