



Shinkoh Elecs

Find your possibilities

PRODUCT INTRODUCTION



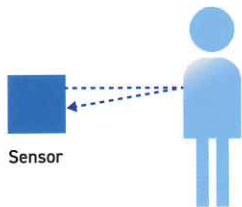
Shinkoh-elecs.

New product

Please visit our web site
for more detail.

check ▶▶▶

<https://www.shinkoh-elecs.jp/en/>



【Triangulation Type】
Hardly influenced by the color of the
object to be detected.

KM Series

Motion Sensor

Ours first human body detection sensor series.

These photo reflective sensors are hardly influenced by reflectivity
and color of targeted objects and highly resistant to ambient light.

- Digital output type. (Output voltage : High or Low)
- Detection distances lineup: 5cm to 200cm
- 5V DC type and Free-ranging power type (5.5V~27V) are available.

Example

- Human detection at ATMs, Self checkout machines, automatic doors, etc.
- Human passing detection at Security gates, Ticket gates, etc.
- Non-contact switching for lighting, etc.
- Seating detection for amusement equipment, etc.

Rated detection distance

Type \ Part No.	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Thin short type	-	-	-	5 cm	-	-	-	-	10 cm	-	-	-	-	-	-	-	-	-	-
short type	-	-	-	5 cm	6 cm	7 cm	8 cm	9 cm	10 cm	-	-	-	-	-	-	-	-	-	-
Middle type	20 cm	30 cm	40 cm	50 cm	60 cm	70 cm	80 cm	-	-	-	-	-	-	-	-	-	-	-	-
Long type	-	-	-	50 cm	60 cm	70 cm	80 cm	90 cm	100 cm	110 cm	120 cm	130 cm	140 cm	150 cm	160 cm	170 cm	180 cm	190 cm	200 cm



KB Series

Long distance type (Mass production in 2024)

CODE

KB3725-AA13LF
(Emitter)

KB3725-AA23LF
(Detector)

Example

- For human passage detection, etc.

Detection distance : 2 meters (Maximum)

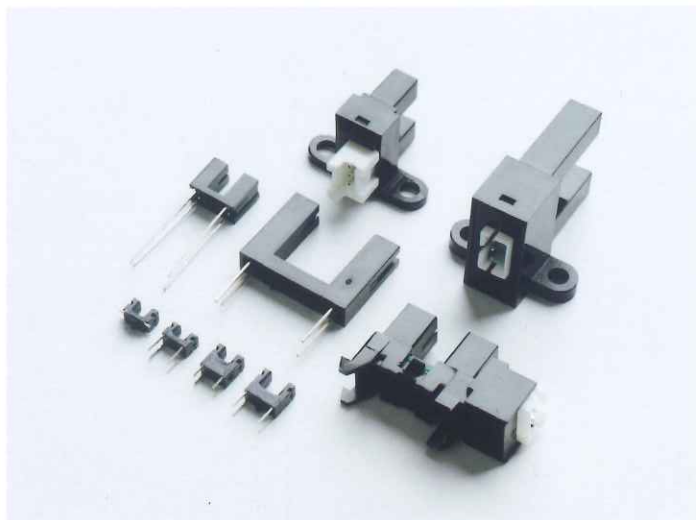
Ambient Illumination (Maximum)

50,000Lux for halogen lamp

70,000Lux for sun light

※Please refer to a data sheet for details.

Product category



KI Series

Photo Interrupter

Photo interrupter detects an object by blocking light between the emitter and detector of the sensor.

We have the largest number of standard photo interrupter products in the photo sensor industry.

Example

Mechanical part detection, Encoder slit detection, etc.



KR Series

Photo Reflector

This series of photo sensors detects an object by reflecting the light of the sensor onto the object and into the detector of the sensor.

There are many kind of photo reflector products by using a variety of light sources from UV to IR for special detection.

Example

Media mark detection, Transparent object detection, etc.



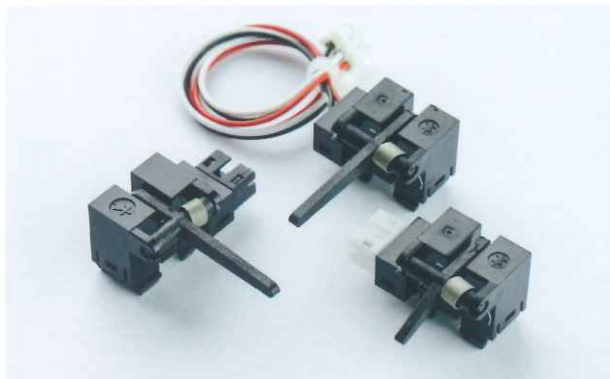
KB Series

Photo Interrupter Separate Type

This is a series of long-range detectable photo sensors with separate and independent emitter and detector parts of a photo interrupter.

Example

Banknote detection, Coin detection, Paper detection, Mechanical part detection for long distance, etc.



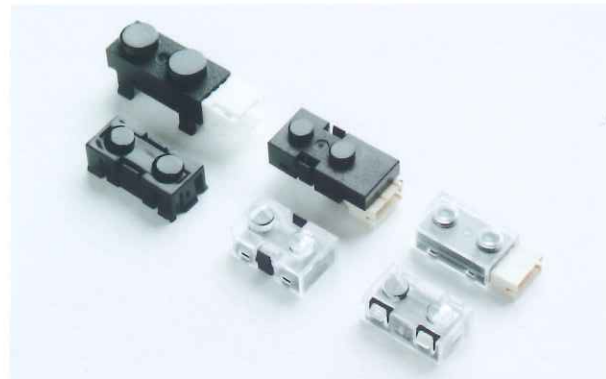
KA Series

Photo Interrupter Actuator Type

This series combines a photo interrupter with an actuator. An object is detected by passing through the actuator.

Example

Transparent film detection, Transparent plate detection, Two way passage detection, etc.



KP Series

Prism Photo Sensor

This is a series of prism photo sensors consisting of a emitter, a detector, and a prism to make the light return to the detector.

Prism photo sensor has two detection points (two optical axes) by one sensor.

Example

Skewed paper detection, etc.

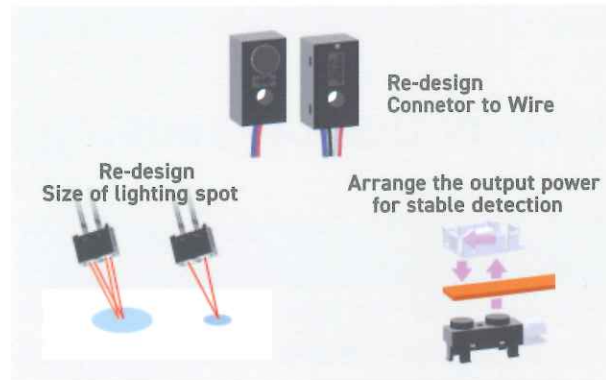


LED, Photo Diode, Photo Transistor

We have a variety of packaged emitters and detectors. (Can package, SMD, COB, etc.)

Example

Two color wavelength LED, Parallel light LED, etc.



Customized sensors

We offer a variety of custom products, from semi-custom products based on standard products to fully custom products, upon request.

Example

Shape customization, Parts customization, Optical properties customization, etc.

Corporate Outline



Shinkoh Electronics pursues the future of opto-century.

shinkoh-elecs web site ►
<https://www.shinkoh-elecs.jp/en/>



Established April 1974
Capital ¥20,000,000
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Tagline ~ Find your possibilities ~

We always face our customer's challenges and find out possibilities to solve them with flexible ideas.

Find possibilities of our employees, suppliers, all stakeholders each other and respect them.

We believe those are our company's possibilities.

Distributors

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