


# Ultra-compact Pre-wired Photomicrosensor (Non-modulated) EE-SX95

## Meeting Customer Needs with Ultra-compact Sensors that Mount with M3 Screws

- Mount using M3 or M2 screws.
- Reliable sensing slot depth of 6.5 mm.
- Indication of sensing window for easy confirmation of insertion depth.
- Bright indicator for confirmation from many directions.
- Both light-ON and dark-ON outputs provided.
- All models available with either standard cable or flexible robot cable.
- Load short-circuit protection circuit provided.



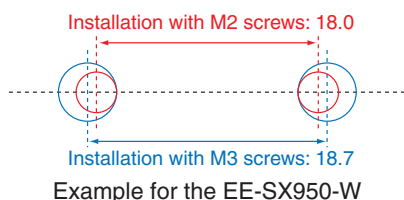
 Refer to the *Safety Precautions* on page 5.

For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

## Features

### Mount Using M2 or M3 Screws

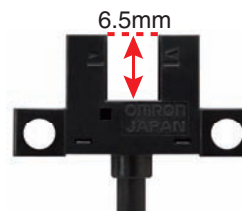
The EE-SX95 can be mounted using M2 or M3 screws, so it can easily replace an existing Sensor mounted with M2 screws.



### Reliable Best-in-Class Sensing Slot Depth of 6.5 mm

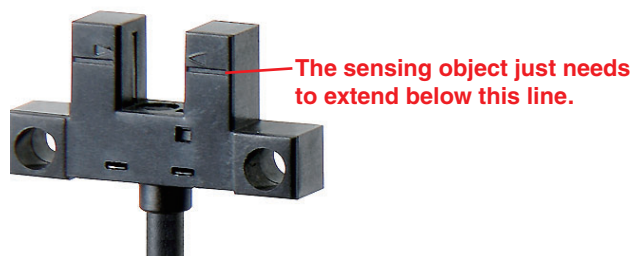
(Based on April 2013 OMRON investigation.)

A deeper slot helps prevent the sensing object from coming into contact with the base of the slot, creating greater tolerance in mechanism design.



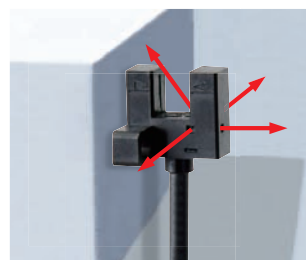
### Indication of Sensing Window for Easy Confirmation of Insertion Depth

The location of the sensing window is indicated on the insertion slot so that you can visually confirm whether the sensing object covers the sensing window and easily check the insertion depth.



### Bright Indicator for Confirmation from Many Directions

The bright light indicator can be checked from up to four directions to enable flexible selection of the installation location.

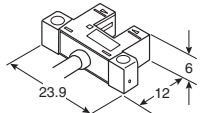

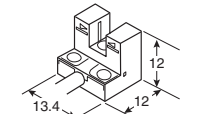
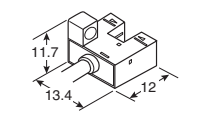
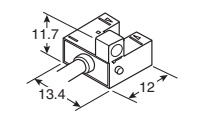
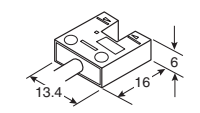


# EE-SX95

## Ordering Information

### Sensors

 Infrared light

Appearance	Sensing method	Sensing distance	Output configuration	Connection method (Cable length)	Output type	Model
<b>Standard</b> 	Through-beam (with slot)	 5 mm (slot width)	Light-ON Dark-ON (2 outputs)	Pre-wired model with standard cable (1 m)	NPN	EE-SX950-W 1M *1
					PNP	EE-SX950P-W 1M *2
				Pre-wired model with robot cable (1 m)	NPN	EE-SX950-R 1M *1
				Pre-wired connector model with robot cable (0.3 m)	NPN	EE-SX950-C1J-R 0.3M
<b>L-shaped</b> 				Pre-wired model with standard cable (1 m)	NPN	EE-SX951-W 1M *1
					PNP	EE-SX951P-W 1M *2
				Pre-wired model with robot cable (1 m)	NPN	EE-SX951-R 1M *1
				Pre-wired connector model with robot cable (0.3 m)	NPN	EE-SX951-C1J-R 0.3M
<b>F-shaped</b> 				Pre-wired model with standard cable (1 m)	NPN	EE-SX952-W 1M *1
					PNP	EE-SX952P-W 1M *2
				Pre-wired model with robot cable (1 m)	NPN	EE-SX952-R 1M *1
				Pre-wired connector model with robot cable (0.3 m)	NPN	EE-SX952-C1J-R 0.3M
<b>R-shaped</b> 				Pre-wired model with standard cable (1 m)	NPN	EE-SX953-W 1M *1
					PNP	EE-SX953P-W 1M *2
				Pre-wired model with robot cable (1 m)	NPN	EE-SX953-R 1M *1
				Pre-wired connector model with robot cable (0.3 m)	NPN	EE-SX953-C1J-R 0.3M
<b>U-shaped</b> 	Pre-wired model with standard cable (1 m)	NPN	EE-SX954-W 1M *1			
		PNP	EE-SX954P-W 1M *2			
	Pre-wired model with robot cable (1 m)	NPN	EE-SX954-R 1M *1			
	Pre-wired connector model with robot cable (0.3 m)	NPN	EE-SX954-C1J-R 0.3M			

\*1. A model is available with a 3-m cable. The model number is EE-SX95□-□ 3M.(Example: EE-SX950-W 3M)

\*2. A pre-wired model with a PNP output and 1-m robot cable is available. The model number is EE-SX95□P-R 1M.(Example: EE-SX950P-R 1M)

### Accessories (Order Separately)

#### Connector with Robot Cable

Type	Cable length	Model	Remarks
Connector with Cable	2 m	EE-1016-R 2M	Connector with lock, AWG26, 4-core Robot Cable