

Model Contribute to Overall Cost Reduction



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

E3JM Terminal Block Models

- Easy to wire and adjust.

Be sure to read *Safety Precautions* on page 6.

Ordering Information

Sensors (Refer to *Dimensions* on page 8.)

Red light Infrared light

Sensing method	Appearance	Connection method	Sensing distance	Operation mode	Output configuration	Functions	Model		
							Conduit socket thread size: PF1/2	Conduit socket thread size: PG13.5	Conduit socket thread size: 1/2-14NPT UL-listed models
Through-beam (Emitter + Receiver)*		Terminal block	 10 m	Light-ON Dark-ON (switch selectable)	Relay	---	E3JM-10M4-NN	E3JM-10M4-G-NN	E3JM-10M4-NN-US
							E3JM-10M4T-NN	E3JM-10M4T-G-NN	E3JM-10M4T-NN-US
DC SSR	---		E3JM-10S4-NN		E3JM-10S4-G-NN	E3JM-10S4-NN-US			
			E3JM-10S4T-NN		E3JM-10S4T-G-NN	E3JM-10S4T-NN-US			
Relay	---		E3JM-R4M4		E3JM-R4M4-G	E3JM-R4M4-US			
			E3JM-R4M4T		E3JM-R4M4T-G	E3JM-R4M4T-US			
DC SSR	---	E3JM-R4S4	E3JM-R4S4-G	E3JM-R4S4-US					
		E3JM-R4S4T	E3JM-R4S4T-G	E3JM-R4S4T-US					
Diffuse-reflective		 700 mm			Relay	---	E3JM-DS70M4	E3JM-DS70M4-G	E3JM-DS70M4-US
							E3JM-DS70M4T	E3JM-DS70M4T-G	E3JM-DS70M4T-US
					DC SSR	---	E3JM-DS70S4	E3JM-DS70S4-G	E3JM-DS70S4-US
							E3JM-DS70S4T	E3JM-DS70S4T-G	E3JM-DS70S4T-US

*Through-beam Sensors are sold in sets that include both the Emitter and Receiver. An order for the Emitter or Receiver alone cannot be accepted.
Note: Tightening nuts, washers, and rubber bushings are not provided with UL-listed models.

Accessories (Order Separately)

Slit (A Slit is not provided with the Sensor for through-beam. Order a Slit separately if required.) (Refer to *Dimensions* on page 8.)

Slit width	Sensing distance	Minimum detectable object (reference value)	Model	Quantity	Remarks
1 mm × 20 mm	E3JM-10□4(T)-NN	1.2 m	1-mm dia.	E39-S39	1 Slit each for the Emitter and Receiver (2 Slits total) (Seal-type long slit) Can be used with the E3JM-10□4(T)-NN, E3JM-10□4(T)-G-NN and E3JM-10□4(T)-NN-US Models.

Reflectors (A Reflector is required for each Retro-reflective Sensor.)

The E39-R1 Reflector is provided with the Sensor. Order other Reflectors separately if required. (Refer to *Dimensions* on E39-L/E39-S/E39-R.)

Name	Sensing distance	Model	Quantity	Remarks	
Reflectors	E3JM-R4□4(T)	4 m	E39-R1	1	Provided with the E3JM-R4□4(T), E3JM-R4□4(T)-G and E3JM-R4□4(T)-US Models.



Note: Refer to *Reflectors* on E39-L/E39-S/E39-R on your OMRON website for details.

Mounting Bracket

Some Mounting Brackets are provided with the Sensor. Order other Mounting Brackets separately if required. (Refer to E39-L/E39-S/E39-R)

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Some Mounting Brackets are provided with the Sensor. Order other Mounting Brackets separately if required. (Refer to *E39-L/E39-S/E39-R*)

Appearance	Model	Quantity	Remarks
	E39-L53	1	Provided with the E3JM.
	E39-L51	1	Height of optical axis can be adjusted.

Note: 1. When using a Through-beam Sensor, order one Connector for the Receiver and one for the Emitter.
 2. Refer to *Mounting Brackets* on *E39-L/E39-S/E39-R* on your OMRON website for details.