

INDUSTRIAL COMPONENT DATA

E39-RP1 E3ZM0220M E39RP1 OMRON Mirror rectangular (80x44mm) for E3ZMB

Brand: OMRON | Manufacturer Part Number: E39-RP1



Manufacturer	OMRON
MPN / Reference	E39-RP1
Catalog number	E39RP1
Category	Reflector for photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Mirror rectangular (80x44mm) for E3ZMB

Reflector, polarizing, to use with E3ZM-B, 44mm x 64mm

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Photoelectric sensors > Accessories

Additional Product Information

FeaturesPET bottle detection sensor in compact stainless steel housing

The p-opaquiring optical system and the AC3 power control technology ensure highest stability for PET detection compensating dust on lenses and signal jitter caused by structured PET bottle surfaces.

Stable PET detection using double refraction and AC3 power control technology

Detergent resistant compact SUS316L housing

Easy-to-use teach-in function

One mounting

Enhanced stability

Conventional photoelectric sensors for detecting PET bottles depend on refraction and the attenuation of light intensity caused by surface reflection. However, it is difficult to attain a sufficient level of excess gain with these methods. The E3ZM-B PET optimised models utilise the birefringent (double refraction) property of PET bottles to significantly increase the level of excess gain. The polarization component that is disturbed by the PET bottles as they pass along the line is cut by a special and unique Omron polarization filter. This greatly lowers the intensity of the received light level and provides enhanced stability compared to conventional sensors.

Enhanced detection stability with E3ZM-B using the double refraction property

Conventional PET detection sensor

Reliability

The E3ZM-B PET optimised models use automatic light adjustment to compensate for soiling or temperature fluctuations.

With conventional sensors, parameters may require resetting when the sensor or reflector becomes contaminated with dust or dirt. Temp...

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Send OMRON / E39-RP1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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