

## INDUSTRIAL COMPONENT DATA

# E3Z-R86 E3Z 4055C E3ZR86OMI OMRON Photoelectric sensor, rectangular housing, red LED, retro-reflective, 4 m,..

Brand: OMRON | Manufacturer Part Number: E3Z-R86



|                 |                                      |
|-----------------|--------------------------------------|
| Manufacturer    | OMRON                                |
| MPN / Reference | E3Z-R86                              |
| Catalog number  | E3ZR86OMI                            |
| Category        | Retroreflective photoelectric sensor |
| Minimum order   | 1 Pcs                                |
| Document ID     | EO-12362A6A1C                        |
| Generated       | 2026-08-03                           |

## Product Overview

Photoelectric sensor, rectangular housing, red LED, retro-reflective, 4 m, PNP, Light-ON/Dark-ON, M8 4-pin connector

## 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 > E3Z

## Additional Product Information

ShapeCuboidSensing methodRetro-reflectiveSensing distance4000 mmSensing distance (min.)100 mmSetting methodManual adjustmentConnection methodConnector M8 - 4 pinOutput typePNPOperation modeDark-ON, Light-ONResponse time1 msMaterial housingPBTThread sizeOtherProduct Width (unpacked)10.8 mmProduct Height (unpacked)31 mmProduct Depth (unpacked)20 mmType of lightPolarized red lightPower supply voltage12-24

VFeaturesM.S.R.Degree of protection (IP)IP67

ETIM for 685916 Sensors (EC002717)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

Material of optical surface (EF004134)

Plastic

Type of interface for safety communication (EF003956)

Other  
Housing material (EF001596)  
Plastic  
Operation agent-safety class (EF003982)  
Safety class 3  
Explosion safety category for gas (EF003997)  
None  
Explosion safety category for dust (EF003998)  
None  
Voltage type (EF000187)  
DC  
Construction type housing (EF004008)  
Cuboid  
Laser protection class (EF004027)  
None  
Setting procedure (EF003994)  
Manual adjustment  
Sensing mode (EF007503)  
Light-/dark switching  
Type of switch function (EF003963)  
Programmable/configurable  
Type of electric connection (EF003961)  
Connector M8  
Type of light (EF004029)  
Polarized red light  
Type of switching output (EF003962)  
PNP  
With communication interface RS-485 (EF007314)  
No  
With communication interface SSD (EF007315)  
No  
With communication interface SSI (EF007316)  
No  
Analogue output 0 mA ... 20 mA (EF006808)  
No  
With commu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-R86 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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