

## INDUSTRIAL COMPONENT DATA

# E3Z-L66 E3Z 7164E E3ZL66OMS OMRON Ecological cc 3h Slr 60-120mm NPN Spot reduc.

Brand: OMRON | Manufacturer Part Number: E3Z-L66



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | OMRON                                   |
| MPN / Reference | E3Z-L66                                 |
| Catalog number  | E3ZL66OMS                               |
| Category        | Diffuse reflective photoelectric sensor |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-88A54F3B84                           |
| Generated       | 2026-08-02                              |

## Product Overview

Ecological cc 3h Slr 60-120mm NPN Spot reduc.

Photoelectric sensor, rectangular housing, red LED, diffuse, narrow beam, 90 ± 30 mm, NPN, 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 methodDiffuse reflectiveSensing distance90 mmSensing distance (min.)60 mmSetting methodManual adjustmentConnection methodConnector M8 - 4 pinOutput typeNPNOperation modeDark-ON, Light-ONResponse time1 msMaterial housingPBTThread sizeOtherProduct Width (unpacked)10.8 mmProduct Height (unpacked)31 mmProduct Depth (unpacked)20 mmType of lightPolarity free red lightSpot size2.5 mmPower supply voltage12-24 VFeaturesNarrow beamDegree of protection (IP)IP67

ETIM for 323116 Sensors (EC001821)

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  
Material of cable sheath (EF004136)  
Other  
Type of switching output (EF003962)  
NPN  
With communication interface RS-485 (EF007314)  
No  
With communication interface SSD (EF007315)  
No  
With communication interface SSI (EF0...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-L66 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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