

## INDUSTRIAL COMPONENT DATA

# E3Z-R81-IL3 2M E3Z 8014H E3ZR81IL32MOMS OMRON Ecological cc 3h Mirror 4m PNP Cable 2m IO LINK COM3

Brand: OMRON | Manufacturer Part Number: E3Z-R81-IL3 2M



|                 |                                      |
|-----------------|--------------------------------------|
| Manufacturer    | OMRON                                |
| MPN / Reference | E3Z-R81-IL3 2M                       |
| Catalog number  | E3ZR81IL32MOMS                       |
| Category        | Retroreflective photoelectric sensor |
| Minimum order   | 1 Pcs                                |
| Document ID     | EO-63FF94B5CB                        |
| Generated       | 2026-08-02                           |

## Product Overview

Ecological cc 3h Mirror 4m PNP Cable 2m IO LINK COM3

Photoelectric sensor, rectangular housing, red LED, retro-reflective, 4 m, PNP, Light-ON/Dark-ON, IO-Link COM3, 2 m cable

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path OMRON &gt; Photoelectric sensors &gt; E3Z

## Additional Product Information

ShapeCuboidSensing methodRetro-reflectiveSensing distance4000 mmSensing distance (min.)100 mmSetting methodIO-Link, Manual adjustmentConnection methodCableCable length2 mOutput typeIO-Link, PNPOperation modeDark-ON, Light-ONIO-Link baud rateCOM3 (230.4 kbps)Response time1 msMaterial housingPBTThread sizeOtherProduct Width (unpacked)10.8 mmProduct Height (unpacked)31 mmProduct Depth (unpacked)20 mmType of lightPolarized red lightPower supply voltage10-30 VFeaturesM.S.R.Degree of protection (IP)IP67

ETIM for 671110 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)  
Parameterization  
Sensing mode (EF007503)  
Light-/dark switching  
Type of switch function (EF003963)  
Programmable/configurable  
Type of electric connection (EF003961)  
Cable  
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 ou...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-R81-IL3 2M 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.