

## INDUSTRIAL COMPONENT DATA

# E3C-LD11N 2M E3C 2057G E3CLD11N2M OMRON Laser sensor head, diffuse reflective, 1 m, spot beam, 2 m cable

Brand: OMRON | Manufacturer Part Number: E3C-LD11N 2M



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | OMRON                                   |
| MPN / Reference | E3C-LD11N 2M                            |
| Catalog number  | E3CLD11N2M                              |
| Category        | Diffuse reflective photoelectric sensor |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-265A3611ED                           |
| Generated       | 2026-08-03                              |

## Product Overview

Laser sensor head, diffuse reflective, 1 m, spot beam, 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 pathOMRON &gt; Photoelectric sensors &gt; E3C-LDA

## Additional Product Information

ShapeCuboidSensing methodDiffuse reflectiveSensing distance1000 mmSensing distance (min.)30 mmSetting methodTeach-InConnection methodCableCable length2 mResponse time0.08 msMaterial housingABSType of lightLaser diode, red lightLaser class2Spot size0.95 mm at 1 mPower supply voltage12-24 VFeatures28 x 0.2 mm at 150 mm (with lens), 33 x 15 mm at 150 mm (with lens), High precision positioning & detection

ETIM for 707114 Sensors (EC001821)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP40

Material of optical surface (EF004134)

Glass

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)  
Class 2  
Setting procedure (EF003994)  
Teach-In  
Sensing mode (EF007503)  
Light/dark switching  
Type of switch function (EF003963)  
Programmable/configurable  
Type of electric connection (EF003961)  
Cable with connector  
Type of light (EF004029)  
Laser diode, red light  
Material of cable sheath (EF004136)  
Polyvinyl chloride (PVC)  
Type of switching output (EF003962)  
PNP/NPN  
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 (E...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3C-LD11N 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

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