

INDUSTRIAL COMPONENT DATA

E3C-LR11N 2M E3C 2058E E3CLR11N2M OMRON Laser sensor head, coaxial retro-reflective, 7 m, variable spot, 2 m..

Brand: OMRON | Manufacturer Part Number: E3C-LR11N 2M



Manufacturer	OMRON
MPN / Reference	E3C-LR11N 2M
Catalog number	E3CLR11N2M
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-80FF37A9A9
Generated	2026-07-29

Product Overview

Laser sensor head, coaxial retro-reflective, 7 m, variable spot, 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 > Photoelectric sensors > E3C-LDA

Additional Product Information

ShapeCuboidSensing methodCoaxial retro-reflectiveSensing distance7000 mmSensing distance (min.)0 mmSetting methodTeach-InConnection methodCableCable length2 mResponse time0.08 msMaterial housingABSType of lightLaser diode, red lightLaser class2Spot size0.8 mm at 1 mPower supply voltage12-24 VFeaturesHigh precision positioning & detection, M.S.R.

ETIM for 707113 Sensors (EC002717)

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
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 (EF006808)
No
With communication interface RS-232 (EF007312)
No
With monitoring function downstream switching devices (E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3C-LR11N 2M with the required quantity to info@electricaonline.com or use 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.