

INDUSTRIAL COMPONENT DATA

E3Z-LR61 2M E3Z 7417B E3ZLR612MOMS OMRON Laser-cc 3h Mirror MSR 15m NPN

Brand: OMRON | Manufacturer Part Number: E3Z-LR61 2M



Manufacturer	OMRON
MPN / Reference	E3Z-LR61 2M
Catalog number	E3ZLR612MOMS
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-21562228EC
Generated	2026-07-31

Product Overview

Laser-cc 3h Mirror MSR 15m NPN

Photoelectric sensor, rectangular housing, red laser class 1, retro-reflective, 15 m, NPN, Light-ON/Dark-ON, 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 > Photoelectric sensors > E3Z

Additional Product Information

ShapeCuboidSensing methodRetro-reflectiveSensing distance15000 mmSensing distance (min.)200 mmSetting methodManual adjustmentConnection methodCableCable length2 mOutput typeNPNOperation modeDark-ON, Light-ONResponse time1 msMaterial housingPBTThread sizeOtherProduct Width (unpacked)10.8 mmProduct Height (unpacked)31 mmProduct Depth (unpacked)20 mmType of lightLaser diode, red lightLaser class1Spot size5 mmPower supply voltage12-24 VFeaturesM.S.R.Degree of protection (IP)IP67

ETIM for 323145 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)

Class 1

Setting procedure (EF003994)

Manual adjustment

Sensing mode (EF007503)

Light/dark switching

Type of switch function (EF003963)

Programmable/configurable

Type of electric connection (EF003961)

Cable

Type of light (EF004029)

Laser diode, red light

Type of switching output (EF003962)

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-LR61 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.