

INDUSTRIAL COMPONENT DATA

E3Z-LL81 5M E3Z 7510A E3ZLL815MOMS OMRON Laser-cc 3h BGS 20-300mm, PNP, Cable 5m

Brand: OMRON | Manufacturer Part Number: E3Z-LL81 5M



Manufacturer	OMRON
MPN / Reference	E3Z-LL81 5M
Catalog number	E3ZLL815MOMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-50B54F6DB7
Generated	2026-08-02

Product Overview

Laser-cc 3h BGS 20-300mm, PNP, Cable 5m

Photoelectric sensor, rectangular housing, red laser class 1, background suppression, 300 mm, PNP, Light-ON/Dark-ON, 5 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 > E3Z

Additional Product Information

ShapeCuboidSensing methodBackground suppressionSensing distance300 mmSensing distance (min.)20 mmSetting methodManual adjustmentConnection methodCableCable length5 mOutput typePNPOperation 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 size0.5 mmPower supply voltage12-24 VFeaturesHigh precision positioning & detectionDegree of protection (IP)IP67

ETIM for 323067 Sensors (EC002719)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid
Laser protection class (EF004027)
Class 1
Degree of protection (NEMA) (EF011959)
Other
Degree of protection (IP) (EF005474)
IP67
Setting procedure (EF003994)
Manual adjustment
Material of optical surface (EF004134)
Plastic
Sensing mode (EF007503)
Light-/dark switching
Type of interface for safety communication (EF003956)
Other
Triangulation (EF008296)
Background fade-out
Type of switch function (EF003963)
Programmable/configurable
Type of electric connection (EF003961)
Cable
Housing material (EF001596)
Plastic
Type of light (EF004029)
Laser diode, red light
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
PNP
Operation agent-safety class (EF003982)
Safety class 3
Explosion safety category for gas (EF003997)
None
With communication interface...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-LL81 5M 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.