

INDUSTRIAL COMPONENT DATA

E3Z-LL68 E3Z 7414H E3ZLL68OMS OMRON Laser-cc 3h BGS 300mm NPN M8 Fast 0.5 ms

Brand: OMRON | Manufacturer Part Number: E3Z-LL68



Manufacturer	OMRON
MPN / Reference	E3Z-LL68
Catalog number	E3ZLL68OMS
Category	Light scanner with background masking
Minimum order	1 Pcs
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Product Overview

Laser-cc 3h BGS 300mm NPN M8 Fast 0.5 ms

Photoelectric sensor, rectangular housing, red laser class 1, background suppression, high speed version, 300 mm, NPN, Light-ON/Dark-ON, M8 4-pin conn

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 methodBackground suppressionSensing distance300 mmSensing distance (min.)25 mmSetting methodManual adjustmentConnection methodConnector M8 - 4 pinOutput typeNPNOperation modeDark-ON, Light-ONResponse time0.5 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 323142 Sensors (EC002719)

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
Triangulation (EF008296)
Background fade-out
Type of switch function (EF003963)
Programmable/configurable
Type of electric connection (EF003961)
Connector M8
Type of light (EF004029)
Laser diode, red light
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
NPN
With communication....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-LL68 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

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