

INDUSTRIAL COMPONENT DATA

E3Z-LL88 E3Z 7416D E3ZLL88OMS OMRON Laser-cc 3h BGS 300mm PNP M8 Fast 0.5 ms

Brand: OMRON | Manufacturer Part Number: E3Z-LL88



Manufacturer	OMRON
MPN / Reference	E3Z-LL88
Catalog number	E3ZLL88OMS
Category	Light scanner with background masking
Minimum order	1 Pcs
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Product Overview

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

Photoelectric sensor, rectangular housing, red laser class 1, background suppression, high speed version, 300 mm, PNP, 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 typePNPOperation 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 323144 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)

PNP

With communication....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-LL88 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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