

## INDUSTRIAL COMPONENT DATA

# E3AS-L80MN M3 E3AS0078M E3ASL80MNM3OMS OMRON

## Photoelectric sensor, rectangular housing, stainless steel, red..

Brand: OMRON | Manufacturer Part Number: E3AS-L80MN M3



|                 |                                       |
|-----------------|---------------------------------------|
| Manufacturer    | OMRON                                 |
| MPN / Reference | E3AS-L80MN M3                         |
| Catalog number  | E3ASL80MNM3OMS                        |
| Category        | Light scanner with background masking |
| Minimum order   | 2 Pcs                                 |
| Document ID     | EO-445DF8FF20                         |
| Generated       | 2026-08-06                            |

### Product Overview

Photoelectric sensor, rectangular housing, stainless steel, red LED, background suppression, 80 mm, NPN, Light-ON/Dark-ON, M8 4-pin connector

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

|              |       |
|--------------|-------|
| Catalog path | OMRON |
|--------------|-------|

### Additional Product Information

ShapeCuboidSensing methodBackground suppressionSensing distance80 mmSensing distance (min.)10 mmSetting methodTeach-InConnection methodConnector M8 - 4 pinOutput typeNPNOperation modeDark-ON, Light-ONResponse time1 msMaterial housingStainless steelProduct Width (unpacked)11.4 mmProduct Height (unpacked)38 mmProduct Depth (unpacked)22 mmType of lightPolarity free red lightSpot size4 mmPower supply voltage10-30 V

ETIM for 690215 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)  
Metal  
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)  
None  
Setting procedure (EF003994)  
Teach-In  
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)  
Polarity free red light  
Material of cable sheath (EF004136)  
Other  
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 ou...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-L80MN M3 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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