

## INDUSTRIAL COMPONENT DATA

# E3AS-F1500IMN M3 E3AS0003R E3ASF1500IMNM3OMS

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

Brand: OMRON | Manufacturer Part Number: E3AS-F1500IMN M3



|                 |                                       |
|-----------------|---------------------------------------|
| Manufacturer    | OMRON                                 |
| MPN / Reference | E3AS-F1500IMN M3                      |
| Catalog number  | E3ASF1500IMNM3OMS                     |
| Category        | Light scanner with background masking |
| Minimum order   | 1 Pcs                                 |
| Document ID     | EO-11388D902D                         |
| Generated       | 2026-08-05                            |

### Product Overview

Photoelectric sensor, rectangular housing, stainless steel, infrared laser class 1, time-of-flight, 1500 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 distance1500 mmSensing distance (min.)50 mmSetting methodTeach-InConnection methodConnector M8 - 4 pinOutput typeNPNOperation modeDark-ON, Light-ONResponse time150 msMaterial housingStainless steelProduct Width (unpacked)11.4 mmProduct Height (unpacked)38 mmProduct Depth (unpacked)22 mmType of lightLaser diode, infrared lightLaser class1Spot size95 mmPower supply voltage10-30 VFeaturesTOF (Time of Flight)  
ETIM for 690200 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)  
Class 1  
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)  
Laser diode, infrared 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  
Wi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-F1500IMN 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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