

## INDUSTRIAL COMPONENT DATA

# E3AS-HL500MN 2M E3AS0100M E3ASHL500MN2MOMS OMRON Photoelectric sensor, rectangular housing, stainless steel,..

Brand: OMRON | Manufacturer Part Number: E3AS-HL500MN 2M



|                 |                                       |
|-----------------|---------------------------------------|
| Manufacturer    | OMRON                                 |
| MPN / Reference | E3AS-HL500MN 2M                       |
| Catalog number  | E3ASHL500MN2MOMS                      |
| Category        | Light scanner with background masking |
| Minimum order   | 1 Pcs                                 |
| Document ID     | EO-961F8E6BF3                         |
| Generated       | 2026-08-02                            |

## Product Overview

Photoelectric sensor, rectangular housing, stainless steel, red laser class 1, background suppression, spot beam, 35-500 mm, 10-30 VDC, NPN, Light-ON/

## 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 distance500 mmSensing distance (min.)35 mmSetting methodTeach-InConnection methodCableCable length2 mOutput typeNPNOperation modeDark-ON, Light-ONResponse time1.5 msMaterial housingStainless steelProduct Width (unpacked)15.5 mmProduct Height (unpacked)48.6 mmProduct Depth (unpacked)30.4 mmType of lightLaser diode, red lightLaser class1Spot size2.5 mm x 1.5 mmPower supply voltage10-30 VDegree of protection (IP)IP67/IP67G/IP69K  
ETIM for 696040 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)  
Cable  
Type of light (EF004029)  
Laser diode, red light  
Material of cable sheath (EF004136)  
Polyvinyl chloride (PVC)  
Type of switching output (EF003962)  
NPN  
With communication interface RS-485 (EF007314)  
No  
With communication in...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-HL500MN 2M 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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