

## INDUSTRIAL COMPONENT DATA

# E3AS-HL150LMT 5M E3AS0157D E3ASHL150LMT5MOMS

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

Brand: OMRON | Manufacturer Part Number: E3AS-HL150LMT 5M



|                 |                                       |
|-----------------|---------------------------------------|
| Manufacturer    | OMRON                                 |
| MPN / Reference | E3AS-HL150LMT 5M                      |
| Catalog number  | E3ASHL150LMT5MOMS                     |
| Category        | Light scanner with background masking |
| Minimum order   | 1 Pcs                                 |
| Document ID     | EO-86D717501B                         |
| Generated       | 2026-08-04                            |

### Product Overview

Photoelectric sensor, rectangular housing, stainless steel, red laser class 1, background suppression, line beam, 35-150 mm, 10-30 VDC, PNP, Light-ON/Dark-ON, IO-Link COM3, 5 m cable

## 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 distance150 mmSensing distance (min.)35 mmSetting methodIO-Link, Teach-InConnection methodCableCable length5 mOutput typeIO-Link, PNPOperation modeDark-ON, Light-ONIO-Link baud rateCOM3 (230.4 kbps)Response 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 size8 mm x 1.3 mmPower supply voltage10-30 VDegree of protection (IP)IP67/IP67G/IP69K  
ETIM for 696054 Sensors (EC002719)

Feature Name

Feature Value

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)

PNP

With communication interface RS-485 (EF007314)

No

With communicati...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-HL150LMT 5M 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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