

INDUSTRIAL COMPONENT DATA

E3AS-HL500MN M3 E3AS0102G E3ASHL500MNM3OMS OMRON Photoelectric sensor, rectangular housing, stainless steel,..

Brand: OMRON | Manufacturer Part Number: E3AS-HL500MN M3



Manufacturer	OMRON
MPN / Reference	E3AS-HL500MN M3
Catalog number	E3ASHL500MNM3OMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-DFF1A97320
Generated	2026-08-04

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 methodConnector M8 - 4 pinOutput typeNPNOperation modeDark-ON, Light-ONResponse time1.5 msMaterial housingStainless steelProduct Width (unpacked)15.5 mmProduct Height (unpacked)48.6 mmProduct Depth (unpacked)28.9 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 696038 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, red light
Type of switching output (EF003962)
NPN
With communication interface RS-485 (EF007314)
No
With communication interface SSD (EF007315)
No
With communication interface...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-HL500MN M3 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.