

INDUSTRIAL COMPONENT DATA

E3AS-HL150MT 5M E3AS0145M E3ASHL150MT5MOMS

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

Brand: OMRON | Manufacturer Part Number: E3AS-HL150MT 5M



Manufacturer	OMRON
MPN / Reference	E3AS-HL150MT 5M
Catalog number	E3ASHL150MT5MOMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-2109A5CD3A
Generated	2026-08-01

Product Overview

Photoelectric sensor, rectangular housing, stainless steel, red laser class 1, background suppression, spot 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 size2.5 mm x 1.3 mmPower supply voltage10-30 VDegree of protection (IP)IP67/IP67G/IP69K ETIM for 696060 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 communica...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-HL150MT 5M 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.