

INDUSTRIAL COMPONENT DATA

E3AS-HL150LMT 2M E3AS0156F E3ASHL150LMT2MOMS OMRON Photoelectric sensor, rectangular housing, stainless steel..

Brand: OMRON | Manufacturer Part Number: E3AS-HL150LMT 2M



Manufacturer	OMRON
MPN / Reference	E3AS-HL150LMT 2M
Catalog number	E3ASHL150LMT2MOMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-AC835E75CB
Generated	2026-08-02

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/

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 length2 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 696055 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)
PNP
With communication in...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-HL150LMT 2M 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.