

INDUSTRIAL COMPONENT DATA

E3AS-F1000IPN M3 E3AS0048R E3ASF1000IPNM3OMS

OMRON Photoelectric sensor, rectangular housing, plastic body, ..

Brand: OMRON | Manufacturer Part Number: E3AS-F1000IPN M3



Manufacturer	OMRON
MPN / Reference	E3AS-F1000IPN M3
Catalog number	E3ASF1000IPNM3OMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-3E26B2E98B
Generated	2026-08-04

Product Overview

Photoelectric sensor, rectangular housing, plastic body, infrared laser class 1, time-of-flight, 1000 mm, NPN, Light-ON/Dark-ON, M8 4-pin connector

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON
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Additional Product Information

ShapeCuboidSensing methodBackground suppressionSensing distance1000 mmSensing distance (min.)50 mmSetting methodTeach-InConnection methodConnector M8 - 4 pinOutput typeNPNOperation modeDark-ON, Light-ONResponse time90 msMaterial housingPBTPProduct Width (unpacked)11.4 mmProduct Height (unpacked)38 mmProduct Depth (unpacked)22 mmType of lightLaser diode, infrared lightLaser class1Spot size95 mmPower supply voltage10-30

VFeaturesTOF (Time of Flight)

ETIM for 690209 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)
Plastic
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, infrared light
Material of cable sheath (EF004136)
Other
Type of switching output (EF003962)
NPN
With communication interface RS-485 (EF007314)
No
With communication interface SSD (EF007315)
No
With communic...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-F1000IPN 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

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