

INDUSTRIAL COMPONENT DATA

E3AS-F1000IPN 2M E3AS0046B E3ASF1000IPN2MOMS

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

Brand: OMRON | Manufacturer Part Number: E3AS-F1000IPN 2M



Manufacturer	OMRON
MPN / Reference	E3AS-F1000IPN 2M
Catalog number	E3ASF1000IPN2MOMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-41AB10BE8F
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Product Overview

Photoelectric sensor, rectangular housing, plastic body, infrared laser class 1, time-of-flight, 1000 mm, NPN, Light-ON/Dark-ON, 2 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
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Additional Product Information

ShapeCuboidSensing methodBackground suppressionSensing distance1000 mmSensing distance (min.)50 mmSetting methodTeach-InConnection methodCableCable length2 mOutput typeNPNOperation modeDark-ON, Light-ONResponse time90 msMaterial housingPBTProduct 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 690967 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)
Cable
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 communication i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-F1000IPN 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

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