

INDUSTRIAL COMPONENT DATA

E3AS-F1000IPT M3 E3AS0058F E3ASF1000IPTM3OMS

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

Brand: OMRON | Manufacturer Part Number: E3AS-F1000IPT M3



Manufacturer	OMRON
MPN / Reference	E3AS-F1000IPT M3
Catalog number	E3ASF1000IPTM3OMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-26439A43AC
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Product Overview

Photoelectric sensor, rectangular housing, plastic body, infrared laser class 1, time-of-flight, 1000 mm, PNP, Light-ON/Dark-ON, IO-Link COM3, M8 4-pin

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 methodIO-Link, Teach-InConnection methodConnector M8 - 4 pinOutput typeIO-Link, PNPOperation modeDark-ON, Light-ONIO-Link baud rateCOM3 (230.4 kbps)Response 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)Degree of protection (IP)IP67/IP67G/IP69K

ETIM for 690211 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)

PNP

With communicatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-F1000IPT 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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