

INDUSTRIAL COMPONENT DATA

E3AS-F1500IPT M3 E3AS0028D E3ASF1500IPTM3OMS

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

Brand: OMRON | Manufacturer Part Number: E3AS-F1500IPT M3



Manufacturer	OMRON
MPN / Reference	E3AS-F1500IPT M3
Catalog number	E3ASF1500IPTM3OMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-FC85E63374
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Product Overview

Photoelectric sensor, rectangular housing, plastic body, infrared laser class 1, time-of-flight, 1500 mm, PNP, Light-ON/Dark-ON, IO-Link COM3, M8 4-pi

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 distance1500 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 time150 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 690205 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 communication interface RS-485 (EF007314)
No
With co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-F1500IPT 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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