

INDUSTRIAL COMPONENT DATA

E3FA-LP21 E3FA2039D E3FALP21OMI OMRON Plastic Suppressor funds to 100mm PNP M12 Connector

Brand: OMRON | Manufacturer Part Number: E3FA-LP21



Manufacturer	OMRON
MPN / Reference	E3FA-LP21
Catalog number	E3FALP21OMI
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-8593C120B5
Generated	2026-07-30

Product Overview

Plastic Suppressor funds to 100mm PNP M12 Connector

Photoelectric sensor, M18 threaded barrel, plastic, red LED, background suppression, 100 mm, PNP, Light-ON/Dark-ON, M12 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 > Photoelectric sensors > E3FA / E3RA

Additional Product Information

ShapeCylindrical axialSensing methodBackground suppressionSensing distance100 mmSetting methodFixedConnection methodConnector M12Output typePNPOperation modeDark-ON, Light-ONResponse time0.5 msMaterial housingABSThread sizeM18Product Length (unpacked)45 mmType of lightPolarity free red lightPower supply voltage10-30 VDegree of protection (IP)IP67/IP69K

ETIM for 378885 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)

Cylinder, screw-thread

Laser protection class (EF004027)

None

Setting procedure (EF003994)

Other

Sensing mode (EF007503)

Light-/dark switching

Triangulation (EF008296)

Background fade-out

Type of switch function (EF003963)

Programmable/configurable

Type of electric connection (EF003961)

Connector M12

Type of light (EF004029)

Polarity free red light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

Type of switching output (EF003962)

PNP

With communication interface RS-485 (EF007314)

No

With communication interface SSD (EF007315)

No

With communication interface SSI (EF007316)

No

Analogue output 0 mA ... 20 mA (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3FA-LP21 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.