

INDUSTRIAL COMPONENT DATA

E3F1-TN21 E3F12004A E3F1TN21OMI OMRON Plastic Barrier 15m NPN Connector M12 Lite

Brand: OMRON | Manufacturer Part Number: E3F1-TN21



Manufacturer	OMRON
MPN / Reference	E3F1-TN21
Catalog number	E3F1TN21OMI
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Plastic Barrier 15m NPN Connector M12 Lite

Photoelectric sensor, M18 threaded barrel, plastic, red LED, through-beam, 15 m, NPN, Light-ON/Dark-ON, M12 connector

Photoelectric sensor, M18 axial, plastic body, red LED, through-beam, 15 m, NPN, L-ON/D-ON selectable, 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 > E3F1

Additional Product Information

Specifications

Shape Cylindrical axial

Sensing method Through-beam

Sensing distance 15000 mm

Setting method Manual adjustment

Connection method Connector M12

Output type NPN

Operation mode Dark-ON, Light-ON

Response time 0.5 ms

Material housing ABS

Thread size M18

Length 45 mm

Type of light Polarity free red light

Power supply voltage 10-30 V

Accessories

E39-L182 E3FA/R flush mounting bracket

E39-L183 M18 L-type mounting bracket, stainless steel (SUS304)

ETIM for 378938 Sensors (EC002716)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cylinder, screw-thread

Scope of delivery of the one-way system (EF004032)

Transmitter and receiver

Laser protection class (EF004027)

None

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP66

Setting procedure (EF003994)

Manual adjustment

Material of optical surface (EF004134)

Plastic

Sensing mode (EF007503)

Light-/dark switching

Type of interface for safety communication (EF003956)

Other

Type of switch function (EF003963)

Programmable/configurable

Type of electric connection (EF003961)

Connector M12

Housing material (EF001596)

Plastic

Type of light (EF004029)

Polarity free red light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

Type of switching output (EF003962)

NPN

Operation agent-safety class (EF003982)

Safety class 3

Explosion safety category for gas (EF003997)

None

With communication interface RS-4...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3F1-TN21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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