

INDUSTRIAL COMPONENT DATA

E3FA-TN22 E3FA0050D E3FATN22OMS OMRON Plastic Barrier Infrared 15m NPN M12 Connector

Brand: OMRON | Manufacturer Part Number: E3FA-TN22



Manufacturer	OMRON
MPN / Reference	E3FA-TN22
Catalog number	E3FATN22OMS
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-A3BED4078D
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Product Overview

Plastic Barrier Infrared 15m NPN M12 Connector

Photoelectric sensor, M18 threaded barrel, plastic, infrared LED, through-beam, 15 m, NPN, 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
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Additional Product Information

ShapeCylindrical axialSensing methodThrough-beamSensing distance15000 mmSetting methodManual
adjustmentConnection methodConnector M12Output typeNPNOperation modeDark-ON, Light-ONResponse time0.5
msMaterial housingABSThread sizeM18Product Length (unpacked)45 mmType of lightInfrared lightPower supply
voltage10-30 VDegree of protection (IP)IP67/IP69K

ETIM for 381315 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)

IP67

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)

Infrared light

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-485 (EF007314)

No

Analogue output -10 V ... +10 V (EF006809)

No

With communication interface SSD (EF007315)

No

With communication interface SSI (EF007316)

No

Analogue output 0 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3FA-TN22 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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