

INDUSTRIAL COMPONENT DATA

E3FC-RN21 E3FC7033A E3FCRN21OMS OMRON Stainless steel Mirror (not included) 0,1-4mm NPN M12 Connector

Brand: OMRON | Manufacturer Part Number: E3FC-RN21



Manufacturer	OMRON
MPN / Reference	E3FC-RN21
Catalog number	E3FCRN21OMS
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-6EB917081A
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Product Overview

Stainless steel Mirror (not included) 0,1-4mm NPN M12 Connector

Photoelectric sensor, M18 threaded barrel, stainless steel, red LED, retro-reflective, 4 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

Additional Product Information

ShapeCylindrical axialSensing methodRetro-reflectiveSensing distance4000 mmSensing distance (min.)100 mmSetting methodManual adjustmentConnection methodConnector M12Output typeNPNOperation modeDark-ON, Light-ONResponse time0.5 msMaterial housingStainless steelThread sizeM18Product Length (unpacked)48 mmType of lightPolarized red lightPower supply voltage10-30 VFeaturesM.S.R.Degree of protection (IP)IP67/IP69K

ETIM for 659425 Sensors (EC002717)

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)

Metal

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)

Manual adjustment

Sensing mode (EF007503)

Light-/dark switching

Type of switch function (EF003963)

Programmable/configurable

Type of electric connection (EF003961)

Connector M12

Type of light (EF004029)

Polarized red light

Type of switching output (EF003962)

NPN

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 (EF006808)

No

With communication interface RS-2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3FC-RN21 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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