

INDUSTRIAL COMPONENT DATA

E3RA-RP21 E3RA2016F E3RARP21OMI OMRON Plastic Mirror (not included) to 0.1-3m, PNP M12 Connector

Brand: OMRON | Manufacturer Part Number: E3RA-RP21



Manufacturer	OMRON
MPN / Reference	E3RA-RP21
Catalog number	E3RARP21OMI
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-A4C5E48367
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Product Overview

Plastic Mirror (not included) to 0.1-3m, PNP M12 Connector

Photoelectric sensor, M18 threaded barrel, radial type, plastic, red LED, retro-reflective, 4 m, 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 radialSensing methodRetro-reflectiveSensing distance3000 mmSensing distance (min.)100 mmSetting methodManual adjustmentConnection methodConnector M12Output typePNPOperation modeDark-ON, Light-ONResponse time0.5 msMaterial housingABSThread sizeM18Product Length (unpacked)58 mmType of lightPolarized red lightPower supply voltage10-30 VFeaturesM.S.R.Degree of protection (IP)IP67/IP69K

ETIM for 378966 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)

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)

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)

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 (EF006808)

No

With communication interface RS-232 (EF007...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3RA-RP21 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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