

INDUSTRIAL COMPONENT DATA

E3RA-DN21 E3RA2007G E3RADN21OMI OMRON Plastic Axial Reflex 100mm NPN M12 Connector

Brand: OMRON | Manufacturer Part Number: E3RA-DN21



Manufacturer	OMRON
MPN / Reference	E3RA-DN21
Catalog number	E3RADN21OMI
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Plastic Axial Reflex 100mm NPN M12 Connector

Photoelectric sensor, M18 threaded barrel, radial type, plastic, red LED, diffuse, 100 mm, 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 radialSensing methodDiffuse reflectiveSensing distance100 mmSetting methodManual
adjustmentConnection methodConnector M12Output typeNPNOperation modeDark-ON, Light-ONResponse time0.5
msMaterial housingABSThread sizeM18Product Length (unpacked)58 mmType of lightPolarity free red lightPower supply
voltage10-30 VDegree of protection (IP)IP67/IP69K
ETIM for 378957 Sensors (EC001821)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)
Cylinder, screw-thread

Laser protection class (EF004027)
None
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)
Polarity free red 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 ... 10 V (EF006807)
No
Analogue output 0 mA ... 20 mA (EF006808)
No
With communication interface RS-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3RA-DN21 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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