

INDUSTRIAL COMPONENT DATA

E3RB-TN21 E3RB2005E E3RBTN21OMI OMRON Metal Radial Barrier 15m NPN M12 Connector

Brand: OMRON | Manufacturer Part Number: E3RB-TN21



Manufacturer	OMRON
MPN / Reference	E3RB-TN21
Catalog number	E3RBTN21OMI
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Metal Radial Barrier 15m NPN M12 Connector

Photoelectric sensor, M18 threaded barrel, radial type, metal, red 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 pathOMRON > Photoelectric sensors > E3FA / E3RA

Additional Product Information

ShapeCylindrical radialSensing methodThrough-beamSensing distance15000 mmSetting methodManual adjustmentConnection methodConnector M12Output typeNPNOperation modeDark-ON, Light-ONResponse time0.5 msMaterial housingBrass, nickel platedThread sizeM18Product Length (unpacked)61 mmType of lightPolarity free red lightPower supply voltage10-30 VDegree of protection (IP)IP67/IP69K

ETIM for 378975 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 (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)

Metal

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 (EF0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3RB-TN21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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