

INDUSTRIAL COMPONENT DATA

E3RB-DP21-F2 E3RB9021E E3RBDP21F2OMS OMRON

Photoelectric sensor, M18 radial, metal body, red LED, diffuse, 1..

Brand: OMRON | Manufacturer Part Number: E3RB-DP21-F2



Manufacturer	OMRON
MPN / Reference	E3RB-DP21-F2
Catalog number	E3RBDP21F2OMS
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-5D4F28323A
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Product Overview

Photoelectric sensor, M18 radial, metal body, red LED, diffuse, 100mm, PNP, L-ON/D-ON selectable, inverted logic, M12 connector

Photoelectric sensor, M18 threaded barrel, radial type, metal, red LED, diffuse, 100 mm, PNP, Light-ON/Dark-ON, inverted logic, 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 methodDiffuse reflectiveSensing distance100 mmSetting methodManual adjustmentConnection methodConnector M12Output typePNPOperation 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 683197 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 (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)

Metal

Type of light (EF004029)

Polarity free red light

Material of cable sheath (EF004136)

Other

Type of switching output (EF003962)

PNP

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3RB-DP21-F2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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