

INDUSTRIAL COMPONENT DATA

E3RB-DP23 E3RB2019E E3RBDP23OMI OMRON Metal Radial Reflex 700mm, PNP M12 Connector

Brand: OMRON | Manufacturer Part Number: E3RB-DP23



Manufacturer	OMRON
MPN / Reference	E3RB-DP23
Catalog number	E3RBDP23OMI
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-D9E8417FC9
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Product Overview

Metal Radial Reflex 700mm, PNP M12 Connector

Photoelectric sensor, M18 threaded barrel, radial type, metal, red LED, diffuse, 700 mm, 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 methodDiffuse reflectiveSensing distance700 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 378989 Sensors (EC001821)

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)

Polarity free red light

Material of cable sheath (EF004136)

Other

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3RB-DP23 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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