

INDUSTRIAL COMPONENT DATA

E2EC-CR8D2 2M E2EC1018C E2ECCR8D22M OMRON

Proximity sensor, inductive, Dia 3 mm, Shielded, 0.8 mm, DC, 2-wir..

Brand: OMRON | Manufacturer Part Number: E2EC-CR8D2 2M



Manufacturer	OMRON
MPN / Reference	E2EC-CR8D2 2M
Catalog number	E2ECCR8D22M
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-BE28765F10
Generated	2026-07-29

Product Overview

Proximity sensor, inductive, Dia 3 mm, Shielded, 0.8 mm, DC, 2-wire, PW, NC

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Proximity Sensors > Others
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Additional Product Information

FeaturesSub-miniature inductive sensor for demanding mounting conditions with remote amplifier

The E2EC family features the smallest sensor heads for reliable sensing in areas where mounting space is crucial. The miniature sizes of the sensing heads are achieved by separating the sensing part from the amplifier. In contrast to standard separate amplifier models the E2EC family simplifies the installation as the amplifier is built into the cable.

3 mm diameter sensing head for smallest spaces

18 mm long ultra short M12 size housing

Full metal housing model for highest resistance in demanding environments

Ordering information

Standard (plastic sensing surface) DC 2-wire

Size

Order code

(pre-wired types with 2 m cable length)1

Operation mode NO

Operation mode NC

3-mm dia.

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E2EC-CR8D1

E2EC-CR8D2

5.4-mm dia.

E2EC-C1R5D1

E2EC-C1R5D2

8-mm dia.

E2EC-C3D1

E2EC-C3D2

M12

E2EC-X4D1

E2EC-X4D2

High protection (all metal face) DC 3-wire and DC 2-wire

Size

Order code

(pre-wired types with 2 m cable length)2

DC 3-wire

Operation mode NO

DC 2-wire

Operation mode NO

8-mm dia.

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E2EC-MC2B1

E2EC-MC2D1

E2EC-QC2D1-M1GJ-T3

(fluoroplastic coating)

Specifications

Item

dia. 3

dia. 5.4

dia. 8

M12

E2EC-CR8D_

E2EC-C1R5D_

E2EC-MC

E2EC-QC

E2EC-C3D_

E2EC-X4D_

Sensing distance

0.8 mm±15%

1.5 mm±10%

2 mm±10%

3 mm±10%

4 mm±10%

Response frequency

1.5 kHz

100 Hz

1 kHz

Power supply voltage

(Operating voltage)

12 to 24 VDC (10 to 30 VDC) ripple (p-p): 10% max.

Protective circuits

Surge absorber, short-circuit....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EC-CR8D2 2M 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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