

INDUSTRIAL COMPONENT DATA

E2C-EDR6-F 176693 E2CEDR6F OMRON Short-D3mm Enr 0.6 mm Accuracy 1µm

Brand: OMRON | Manufacturer Part Number: E2C-EDR6-F



Manufacturer	OMRON
MPN / Reference	E2C-EDR6-F
Catalog number	E2CEDR6F
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-514E9280D0
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Product Overview

Short-D3mm Enr 0.6 mm Accuracy 1µm

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON > Advanced sensors > Other Sensors
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Additional Product Information

Typically several hundred µm detection precision
 Precision distance teaching
 Window function (2 outputs) for production tolerance checks
 Specifications & ordering info
 Ordering information
 Sensor heads
 Appearance
 Sensing distance
 Repeat accuracy
 Order code
 3 dia. × 18
 ¢
 -
 0.6 mm
 1 µm

E2C-EDR6-F

5.4 dia. × 18

1 mm

1 μm

E2C-ED011

8 dia. × 22

2 mm

2 μm

E2C-ED021

M10 × 22

2 mm

2 μm

E2C-EM021

30 × 14 × 4.8

5 mm

2 μm

E2C-EV051

M18 × 46.3

-

¢

7 mm

5 μm

E2C-EM07M1

M12 × 22

¢

-

2 mm

2 μm

E2C-EM02H

Amplifier units with cables

Item

Functions

Order code

NPN output

PNP output

Twin-output

models

Area output, open

circuit detection,

differential operation

E2C-EDA11

E2C-EDA41

External-input models

Remote setting,

differential operation

E2C-EDA21

E2C-EDA51

Amplifier units with connectors2

Item

Functions

Order code

NPN output

PNP output

Twin-output

models

Area output, open

circuit detection,

differential operation

E2C-EDA6

E2C-EDA8

External-input models

Remote setting,

differential operation

E2C-EDA7

E2C-EDA9

Specifications

Sensor heads

Item

3 dia.

5.4 dia.

8 dia.

M10

M18

30×14×4.8 mm

M12

E2C-EDR6-F

E2C-ED01(-_)

E2C-ED02(-_)

E2C-EM02(-_)

E2C-EM07(-_)

E2C-EV05(-_)

E2C-EM02H

Ambient temperature

Operating

-10 to 60°C (with no icing or condensation)

-10 to 200°C

Storage

Degree of protection

IEC60529 IP67

IEC60529 IP60

Material

Case

Brass

Stainless steel

Brass

Zinc

Brass

Sensing surface

Heat-resistant ABS

PEEK

Note: For amplifier specifications refer to complete datasheet

1. For models with cut...

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Send OMRON / E2C-EDR6-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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