

INDUSTRIAL COMPONENT DATA

E2C-EM02 176700 E2CEM02 OMRON Inductive with amp separate M10x22mm Enr 2mm Rep 2µm

Brand: OMRON | Manufacturer Part Number: E2C-EM02



Manufacturer	OMRON
MPN / Reference	E2C-EM02
Catalog number	E2CEM02
Category	Inductive proximity switch
Minimum order	1 Pcs
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Product Overview

Inductive with amp separate M10x22mm Enr 2mm Rep 2µm

Inductive with separate amp M10x22mm Enr 2mm Rep 2om

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2C-EM02 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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