

INDUSTRIAL COMPONENT DATA

E2S-W21-R 5M E2S 7108M E2SW21R5MOMS OMRON

Miniature rectangular Inductive, front face sensing, unshielded, 2..

Brand: OMRON | Manufacturer Part Number: E2S-W21-R 5M



Manufacturer	OMRON
MPN / Reference	E2S-W21-R 5M
Catalog number	E2SW21R5MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-C6532A2336
Generated	2026-07-29

Product Overview

Miniature rectangular Inductive, front face sensing, unshielded, 2.5 mm, 2 wire DC, NO, 5 m robotic cable

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

Additional Product Information

FeaturesMiniature square inductive sensor in plastic housing

The E2S family features miniature block style plastic housings for simple mounting on flat surfaces. The durable plastic housing with front or side facing sensing surfaces, provide best value-performance ratio for machine part movement detection.

Miniature housing with long sensing ranges

Front and side facing sensing surfaces

Simple mounting with one screw

IP67

Ordering information

DC 2-wire

Size in mm

(H × W × D)

Sensing distance

Sensing face

Order code (pre-wired types with 1 m cable length)

Operation mode NO

Operation mode NC

19 × 6 × 6

-

⌀

1.6 mm

⌀

-

E2S-W11 1M

E2S-W12 1M

-

⌀

E2S-Q11 1M

E2S-Q12 1M

23 × 8 × 8

2.5 mm

⌀

-

E2S-W21 1M

E2S-W22 1M

-

⌀

E2S-Q21 1M

E2S-Q22 1M

DC 3-wire

Size in mm

(H × W × D)

Sensing distance

Sensing face

Output specifications

Order code (pre-wired types with 1m cable length)

Operation mode NO

Operation mode NC

19 × 6 × 6

-

⌀

1.6 mm

⌀

-

NPN

E2S-W13 1M

E2S-W14 1M

-

⌀

E2S-Q13 1M

E2S-Q14 1M

27 × 8 × 8

2.5 mm

¢

-

E2S-W23 1M

E2S-W24 1M

-

¢

E2S-Q23 1M

E2S-Q24 1M

19 × 6 × 6

1.6 mm

¢

-

PNP

E2S-W15 1M

E2S-W16 1M

-

¢

E2S-Q15 1M

E2S-Q16 1M

23 × 8 × 8

2.5 mm

¢

-

E2S-W25 1M

E2S-W26 1M

-

¢

E2S-Q25 1M

E2S-Q26 1M

Specifications

Item

E2S-W1

E2S-Q1

E2S-W2

E2S-Q2

Sensing distance

1.6 mm±10%

2.5 mm±15%

Response frequency

1 kHz min.

Power supply voltage (operating voltage)

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

Protective circuits

Surge suppressor; power supply reverse polarity protection

Ambien...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2S-W21-R 5M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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