

**INDUSTRIAL COMPONENT DATA**

# E2B-M12LN05-WP-C2 2M E2B 2138E

## E2BM12LN05WPC22MOMI OMRON Inductive M12 Long, Non-enr 5mm 3h NPN NC Cable 2m ..

Brand: OMRON | Manufacturer Part Number: E2B-M12LN05-WP-C2 2M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2B-M12LN05-WP-C2 2M       |
| Catalog number  | E2BM12LN05WPC22MOMI        |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-09196D17A8              |
| Generated       | 2026-08-02                 |

### Product Overview

Inductive M12 Long, Non-enr 5mm 3h NPN NC Cable 2m Lite  
Proximity sensor, inductive, nickel-brass, long body, M12, unshielded, 5 mm, DC, 3-wire, NPN-NC, 2 m 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 > E2B**

### Additional Product Information

**Features**The ideal solution for standard industrial environments  
Thanks to the simple construction and Omron's innovative "hot melt" production process, the E2B sensors embody two characteristics: value-for-money and high reliability.  
All-round-visible indicator  
The laser printed part number  
Vibration shock resistance: IEC 60947-5-2 (10 - 55 Hz)  
Operating temperature: -25°C to 70°C  
Water resistance: IP67  
**Ordering information**  
Pre-wired  
Size  
Sensing distance

Output configuration

Order code (for pre-wired types with 2 m PVC cable)

Operation mode NO

Operation mode NC

M8

?

—

2.0 mm

PNP1

E2B-S08KS02-WP-B1 2M2

E2B-S08KS02-WP-B2 2M2

—

?

4.0 mm

PNP1

E2B-S08KN04-WP-B1 2M2

E2B-S08KN04-WP-B2 2M2

M12

?

—

4.0 mm

PNP1

E2B-M12KS04-WP-B1 2M

E2B-M12KS04-WP-B2 2M

—

?

8.0 mm

PNP1

E2B-M12KN08-WP-B1 2M

E2B-M12KN08-WP-B2 2M

M18

?

—

8.0 mm

PNP1

E2B-M18KS08-WP-B1 2M

E2B-M18KS08-WP-B2 2M

—

?

16.0 mm

PNP1

E2B-M18KN16-WP-B1 2M

E2B-M18KN16-WP-B2 2M

M30

?

—

15.0 mm

PNP1

E2B-M30KS15-WP-B1 2M

E2B-M30KS15-WP-B2 2M

—

?

30.0 mm

PNP1

E2B-M30LN30-WP-B1 2M

E2B-M30LN30-WP-B2 2M

Connector types

Size

Sensing distance

Output configuration

Order code

Operation mode NO

Operation mode NC

M8

?

—

2.0 mm

PNP1

E2B-S08KS02-MC-B12

E2B-S08KS02-MC-B22

—

?

4.0 mm

PNP1

E2B-S08KN04-MC-B12

E2B-S08KN04-MC-B22

M12

?

—

4.0 mm

PNP1

E2B-M12KS04-M1-B1

E2B-M12KS04-M1-B2

—

?

8.0 mm

PNP1

E2B-M12KN08-M1-B1

E2B-M12KN08-M1-B2

M18

?

—

8.0 mm

PNP1

E2B-M18KS08-M1-B1

E2B-M18KS08-M1-B2

—

?

16.0 mm

PNP1

E2B-M18KN16-M1-B1

E2B-M18KN16-M1-B2

M30

?

—

15...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2B-M12LN05-WP-C2 2M with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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