

**INDUSTRIAL COMPONENT DATA**

# E2B-M12LN05-M1-C1 E2B 2141E E2BM12LN05M1C1OMI

## OMRON Inductive M12 Long, Non-enr 5mm 3h NPN NA Connector M12 ..

Brand: OMRON | Manufacturer Part Number: E2B-M12LN05-M1-C1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2B-M12LN05-M1-C1          |
| Catalog number  | E2BM12LN05M1C1OMI          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-11DE49FD43              |
| Generated       | 2026-08-05                 |

### Product Overview

Inductive M12 Long, Non-enr 5mm 3h NPN NA Connector M12 Lite

Proximity sensor, inductive, nickel-brass, long body, M12, unshielded, 5 mm, DC, 3-wire, NPN-NO, M12 plug-in

**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-M1-C1 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

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