

**INDUSTRIAL COMPONENT DATA**

# E2E-X6B2L12-M1 E2EN1043C E2EX6B2L12M1OMS OMRON

## Proximity sensor, inductive, nickel-brass, long body, M12, sh..

Brand: OMRON | Manufacturer Part Number: E2E-X6B2L12-M1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X6B2L12-M1             |
| Catalog number  | E2EX6B2L12M1OMS            |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-EC04ABAD0A              |
| Generated       | 2026-08-03                 |

### Product Overview

Proximity sensor, inductive, nickel-brass, long body, M12, shielded, 6 mm, DC, 3-wire, PNP NC, M12 connector

**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 > New E2E**

### Additional Product Information

**Specifications**

Size M12

Mounting type Quasi-flush

Sensing distance 6 mm

Overall length 70 mm

Thread length 55 mm

Material housing Brass, nickel plated

Output type PNP

Operation mode NC

Connection method Connector M12

Cable specifications -

IO-Link function

Degree of protection (IP) IP67/IP69K

ETIM for 698666 Sensors (EC002714)

Feature Name

## Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cylinder, screw-thread

Degree of protection (NEMA) (EF011959)

Other

Coating housing (EF001601)

Nickel-plated

Mechanical mounting condition for sensor (EF004041)

Quasi-flat

Performance level according to EN ISO 13849-1 (EF007399)

None

Type of interface for safety communication (EF003956)

None

Type of actuation (EF006949)

Metallic Target

Type of switch function (EF003963)

Breaker contact

Type of electric connection (EF003961)

Connector M12

Type of interface (EF006977)

None

SIL according to IEC 61508 (EF009889)

None

Housing material (EF001596)

Metal

Type of switching output (EF003962)

PNP

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

Yes

With monitoring function downstream switching devices (EF004052)

No

Compression-resistant (EF007106)

No

Suitable for safety functions (EF001597)

No

Number of protected contact energized outputs (EF003952)

0

Number of semiconductor outputs with signalling function (EF003945)

1

Number of protected semiconductor outputs (EF003951)

0

Diameter sensor (EF007111)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X6B2L12-M1 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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