

**INDUSTRIAL COMPONENT DATA**

# E2E-X12C118-M1 E2EN1311D 687874 OMRON Proximity sensor, inductive, nickel-brass, short body, M18, shielded, ..

Brand: OMRON | Manufacturer Part Number: E2E-X12C118-M1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X12C118-M1             |
| Catalog number  | E2EX12C118M1OMS            |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-4BC5FC27C6              |
| Generated       | 2026-08-02                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, short body, M18, shielded, 12 mm, DC, 3-wire, NPN NO, 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 &gt; Proximity Sensors &gt; New E2E

## Additional Product Information

**Specifications**

Size M18

Mounting type Quasi-flush

Sensing distance 12 mm

Overall length 53 mm

Thread length 33 mm

Material housing Brass, nickel plated

Output type NPN

Operation mode NO

Connection method Connector M12

Cable specifications -

IO-Link function

Degree of protection (IP) IP67/IP69K

ETIM for 687874 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)

Normally open 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)

NPN

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 (EF0...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X12C118-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

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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