

## INDUSTRIAL COMPONENT DATA

# E2E-X50MC1L30-M1 E2EN2045E 689617 OMRON Proximity sensor, inductive, long nickel-brass body, M30, unshielded..

Brand: OMRON | Manufacturer Part Number: E2E-X50MC1L30-M1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X50MC1L30-M1           |
| Catalog number  | E2EX50MC1L30M1OMS          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-C8CAD7DD84              |
| Generated       | 2026-08-04                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, long body, M30, unshielded, 50 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 > Proximity Sensors > New E2E |
|--------------|-------------------------------------|

## Additional Product Information

## Specifications

Size M30

Mounting type Non-flush

Sensing distance 50 mm

Overall length 95 mm

Thread length 65 mm

Material housing Brass, nickel plated

Output type NPN

Operation mode NO

Connection method Connector M12

Cable specifications -

IO-Link function

ETIM for 689617 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)  
Not 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 (EF007111)

30 mm

Switching distance (EF003647...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send OMRON / E2E-X50MC1L30-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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