

## INDUSTRIAL COMPONENT DATA

# E2EQ-X3B1D8-M1 E2EQ7105C E2EQX3B1D8M1OMS OMRON

## Proximity sensor, inductive, Fluororesin coating (base materi..

Brand: OMRON | Manufacturer Part Number: E2EQ-X3B1D8-M1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2EQ-X3B1D8-M1             |
| Catalog number  | E2EQX3B1D8M1OMS            |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-C8E1F9B3DB              |
| Generated       | 2026-08-02                 |

### Product Overview

Proximity sensor, inductive, Fluororesin coating (base material: brass), M8, shielded, 3 mm, DC, 3-wire, PNP NO, IO-Link COM2, 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

Features Fluoroplastic coating

Size M8

Mounting type Quasi-flush

Sensing distance 3 mm

Overall length 38 mm

Thread length 22 mm

Material housing Brass, PTFE coated

Output type IO-Link, PNP

Operation mode NO/NC switching

Connection method Connector M12

Cable specifications -

IO-Link baud rate COM2 (38.4 kbps)

Degree of protection (IP) IP67/IP69K

ETIM for 688320 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)

Other

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)

Other

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)

No

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 protec...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EQ-X3B1D8-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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