

## INDUSTRIAL COMPONENT DATA

# E2E-X2B1T8-M3 E2EN0277E 688108 OMRON Proximity Sensor, Inductive, SUS Short Body, M8, Shielded, 2 mm, DC, 3-..

Brand: OMRON | Manufacturer Part Number: E2E-X2B1T8-M3



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X2B1T8-M3              |
| Catalog number  | E2EX2B1T8M3OMS             |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-FB1B538080              |
| Generated       | 2026-08-01                 |

## Product Overview

Proximity sensor, inductive, short SUS body M8, shielded, 2 mm, DC, 3-wire, PNP NO, IO-Link COM3, M8 connector 4 pins

## 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 M8

Mounting type Flush

Sensing distance 2 mm

Overall length 39 mm

Thread length 22 mm

Material housing Stainless steel

Output type IO-Link, PNP

Operation mode NO

Connection method Connector M8 - 4 pin

Cable specifications -

IO-Link function

IO-Link baud rate COM3 (230.4 kbps)

Degree of protection (IP) IP67/IP69K  
ETIM for 688108 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)  
Concise  
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 M8  
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)  
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 (EF00...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send OMRON / E2E-X2B1T8-M3 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

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