

**INDUSTRIAL COMPONENT DATA**

# E2E-X8B1TL18-M1TJ 0,3M E2EN1610E E2EX8B1TL18M1TJ03MOMS OMRON Proximity sensor, inductive, nickel-brass, long..

Brand: OMRON | Manufacturer Part Number: E2E-X8B1TL18-M1TJ 0,3M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X8B1TL18-M1TJ 0,3M     |
| Catalog number  | E2EX8B1TL18M1TJ03MOMS      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-3BCA19855B              |
| Generated       | 2026-08-02                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, long body, M18, shielded, 8 mm, DC, 3-wire, PNP NO, IO-Link COM3, M12 pigtail Smartclick connector, 0.3 m

**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

ETIM for 687993 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)  
Cable with connector  
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 (EF003951)  
0  
Diameter sensor (EF007111)  
18 mm  
Switching distance (EF003647)  
8 mm  
Length of sensor (EF007334)  
77.3 mm  
Switching frequency (EF003587)  
500 Hz  
Number of contact energized outputs with signalling function (EF003946)  
0

Supply voltage (EF004127)

10 V

Rated control supply voltage DC (EF003980)

10 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X8B1TL18-M1TJ 0,3M 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.