

**INDUSTRIAL COMPONENT DATA**

# E2E-X23B1TL30 2M E2EN2181H 687972 OMRON Proximity sensor, inductive, nickel-brass, long body, M30, shielded,...

Brand: OMRON | Manufacturer Part Number: E2E-X23B1TL30 2M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X23B1TL30 2M           |
| Catalog number  | E2EX23B1TL302MOMS          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-E9C086D519              |
| Generated       | 2026-08-01                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, long body, M30, shielded, 23 mm, DC, 3-wire, PNP NO, IO-Link COM3, 2 m cable

**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

ETIM for 687972 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

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)  
30 mm

Switching distance (EF003647)  
23 mm

Length of sensor (EF007334)  
82.3 mm

Switching frequency (EF003587)  
200 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-X23B1TL30 2M 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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