

## INDUSTRIAL COMPONENT DATA

# E2E-X8B3D18 2M E2EN1710A 687862 OMRON Proximity sensor, inductive, nickel-brass, short body, M18, shielded, ..

Brand: OMRON | Manufacturer Part Number: E2E-X8B3D18 2M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X8B3D18 2M             |
| Catalog number  | E2EX8B3D182MOMS            |
| Category        | Inductive proximity switch |
| Minimum order   | 5 Pcs                      |
| Document ID     | EO-0DE6C33320              |
| Generated       | 2026-08-03                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, short body, M18, shielded, 8 mm, DC, 4-wire, PNP NO+NC, IO-Link COM2, 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 687862 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)  
Anticoincidence  
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)  
2  
Number of protected semiconductor outputs (EF003951)  
0  
Diameter sensor (EF007111)  
18 mm  
Switching distance (EF003647)  
8 mm  
Length of sensor (EF007334)  
55.3 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-X8B3D18 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

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