

## INDUSTRIAL COMPONENT DATA

# E2E-X20MC1L18 2M E2EN1438B E2EX20MC1L182MOMS OMRON Proximity sensor, inductive, nickel-brass, long body, M18..

Brand: OMRON | Manufacturer Part Number: E2E-X20MC1L18 2M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X20MC1L18 2M           |
| Catalog number  | E2EX20MC1L182MOMS          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-34B1458A1B              |
| Generated       | 2026-08-03                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, long body, M18, unshielded, 20 mm, DC, 3-wire, NPN NO, 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

Specifications

Size M18

Mounting type Non-flush

Sensing distance 20 mm

Overall length of sensor 77.3 mm

Thread length 47 mm

Material housing Brass, nickel plated

Output type NPN

Operation mode NO

Connection method Cable

Cable specifications PVC (oil-resistant)

Cable length 2 m

IO-Link function

IO-Link baud rate Not Applicable  
Degree of protection (IP) IP67/IP67G/IP69K  
ETIM for 699323 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)  
Not 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)  
None  
SIL according to IEC 61508 (EF009889)  
None  
Housing material (EF001596)  
Metal  
Type of switching output (EF003962)  
NPN  
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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X20MC1L18 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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