

**INDUSTRIAL COMPONENT DATA**

# E2E-X20MB2L18-M1 E2EN1679B 698684 OMRON Proximity sensor, inductive, nickel-brass long body, M18, unshielded..

Brand: OMRON | Manufacturer Part Number: E2E-X20MB2L18-M1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X20MB2L18-M1           |
| Catalog number  | E2EX20MB2L18M1OMS          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-90312F5DDD              |
| Generated       | 2026-08-03                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, long body, M18, unshielded, 20 mm, DC, 3-wire, PNP NC, M12 connector

**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 M18

Mounting type Non-flush

Sensing distance 20 mm

Overall length 75 mm

Thread length 47 mm

Material housing Brass, nickel plated

Output type PNP

Operation mode NC

Connection method Connector M12

Cable specifications -

IO-Link function

Degree of protection (IP) IP67/IP69K

ETIM for 698684 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)

Breaker contact

Type of electric connection (EF003961)

Connector M12

Type of interface (EF006977)

None

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....

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X20MB2L18-M1 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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