

## INDUSTRIAL COMPONENT DATA

# E2E-X16MB2L18 5M E2EN1652M E2EX16MB2L185MOMS OMRON Proximity sensor, inductive, nickel-brass, long body, M18..

Brand: OMRON | Manufacturer Part Number: E2E-X16MB2L18 5M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X16MB2L18 5M           |
| Catalog number  | E2EX16MB2L185MOMS          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-3AF8D7AFA0              |
| Generated       | 2026-08-01                 |

## Product Overview

Proximity sensor, inductive, nickel-brass, long body, M18, unshielded, 16 mm, DC, 3-wire, PNP NC, 5 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 &gt; Proximity Sensors &gt; New E2E

## Additional Product Information

ETIM for 699660 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)  
Cable

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 mm

Switching distance (EF003647)  
16 mm

Length of sensor (EF007334)  
77.3 mm

Switching frequency (EF003587)  
400 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-X16MB2L18 5M 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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