

## INDUSTRIAL COMPONENT DATA

# E2B-M12LS02-M1-B1 E2B 2116D E2BM12LS02M1B1OMI OMRON Inductive M12 Long, Flush 2mm 3h PNP NA Connector M12 Li..

Brand: OMRON | Manufacturer Part Number: E2B-M12LS02-M1-B1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2B-M12LS02-M1-B1          |
| Catalog number  | E2BM12LS02M1B1OMI          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-634B2CBD4F              |
| Generated       | 2026-08-01                 |

## Product Overview

Inductive M12 Long, Flush 2mm 3h PNP NA Connector M12 Lite

Proximity sensor, LITE, inductive, nickel-brass, long body, M12, shielded, 2 mm, DC, 3-wire, PNP-NO, M12 plug-in

## 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; E2B

## Additional Product Information

SizeM12Mounting typeFlushSensing distance2 mmOutput typePNPOperation modeNOConnection methodConnector  
M12Material housingBrass, nickel platedCable specifications-Overall length of sensor74 mmThread length54 mmDegree of  
protection (IP)IP67

ETIM for 674622 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)  
Other  
Mechanical mounting condition for sensor (EF004041)  
Concise  
Performance level according to EN ISO 13849-1 (EF007399)  
Level a  
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)  
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)  
12 mm  
Switching distance (EF003647)  
2 mm  
Length of sensor...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2B-M12LS02-M1-B1 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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