

## INDUSTRIAL COMPONENT DATA

# E2A-M12KN08-M1-B1-4 E2A 7386A E2AM12KN08M1B14OMS OMRON Short-3h NoEnr 8mm M12 PNP NA M12 Connector Pin gold

Brand: OMRON | Manufacturer Part Number: E2A-M12KN08-M1-B1-4



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2A-M12KN08-M1-B1-4        |
| Catalog number  | E2AM12KN08M1B14OMS         |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-741E169855              |
| Generated       | 2026-07-29                 |

## Product Overview

Short-3h NoEnr 8mm M12 PNP NA M12 Connector Pin gold

Proximity sensor, inductive, brass-nickel, short body, M12, non-shielded, 8mm, DC, 3-wire, PNP-NO, M12 connector, gold-plated pins

## 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; E2A

## Additional Product Information

SizeM12Mounting typeNon-flushSensing distance8 mmOutput typePNPOperation modeNOConnection methodConnector  
M12Material housingBrass, nickel platedCable specifications-Overall length of sensor48 mmThread length27

mmFeaturesGold plated connector pinsDegree of protection (IP)IP67

ETIM for 368982 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 dis...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2A-M12KN08-M1-B1-4 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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