

## INDUSTRIAL COMPONENT DATA

# E2A-S12KS04-M5-B1 E2A 7422A E2AS12KS04M5B1OMS OMRON Stainless steel Short-3h Enr 4mm M12 NPN NA Connector M8

Brand: OMRON | Manufacturer Part Number: E2A-S12KS04-M5-B1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2A-S12KS04-M5-B1          |
| Catalog number  | E2AS12KS04M5B1OMS          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-96D84C6619              |
| Generated       | 2026-08-04                 |

## Product Overview

Stainless steel Short-3h Enr 4mm M12 NPN NA Connector M8

Proximity switch, inductive, stainless steel, short body, M12, shielded, 4 mm, DC, PNP-NO, M8 connector (3 pin)

## 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 typeFlushSensing distance4 mmOutput typePNPOperation modeNOConnection methodConnector M8 - 3 pinMaterial housingStainless steelCable specifications-Overall length of sensor48 mmThread length34 mmDegree of protection (IP)IP67/IP69K  
ETIM for 659216 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)  
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)  
Connector M8  
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)  
4 mm  
Length of se...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2A-S12KS04-M5-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

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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