

## INDUSTRIAL COMPONENT DATA

# E2A-M18KS08-M1-B2 E2A 7057R E2AM18KS08M1B2 OMRON

## Short-3h Enr 8mm M18 PNP NC Connector M12

Brand: OMRON | Manufacturer Part Number: E2A-M18KS08-M1-B2



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2A-M18KS08-M1-B2          |
| Catalog number  | E2AM18KS08M1B2             |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-278120B8E7              |
| Generated       | 2026-07-29                 |

### Product Overview

Short-3h Enr 8mm M18 PNP NC Connector M12

Proximity sensor, inductive, brass-nickel, short body, M18, shielded, 8mm, 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; E2A

### Additional Product Information

Specifications

Size M18

Mounting type Flush

Sensing distance 8 mm

Output type PNP

Operation mode NC

Connection method Connector M12

Material housing Brass, nickel plated

Cable specifications -

Overall length 53 mm

Thread length 39 mm

ETIM for 144793 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)  
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 mm

Switching distance (EF003647)

8 mm

Length of sensor (EF007334)...

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2A-M18KS08-M1-B2 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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