

## INDUSTRIAL COMPONENT DATA

# E2E-X5C218-M1 E2EN1270C E2EX5C218M1OMS OMRON

## Proximity sensor, inductive, nickel-brass, short body, M18, shi..

Brand: OMRON | Manufacturer Part Number: E2E-X5C218-M1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X5C218-M1              |
| Catalog number  | E2EX5C218M1OMS             |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-261C06E21F              |
| Generated       | 2026-08-01                 |

### Product Overview

Proximity sensor, inductive, nickel-brass, short body, M18, shielded, 5 mm, DC, 3-wire, NPN 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 > Proximity Sensors > New E2E

### Additional Product Information

Specifications

Size M18

Mounting type Flush

Sensing distance 5 mm

Overall length 53 mm

Thread length 34 mm

Material housing Brass, nickel plated

Output type NPN

Operation mode NC

Connection method Connector M12

Cable specifications -

IO-Link function

Degree of protection (IP) IP67/IP69K

**Accessories**

Y92E-J18S30 Mounting Sleeves e-jig for M18 Prox

ETIM for 700006 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)

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)

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)

NPN

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 semiconduct...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X5C218-M1 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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