

## INDUSTRIAL COMPONENT DATA

# E2E-X7D212-R 2M E2E 8352G 681737 OMRON Proximity sensor, inductive, brass-nickel, M12, flush, 20 mm, NA, 2 m..

Brand: OMRON | Manufacturer Part Number: E2E-X7D212-R 2M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-X7D212-R 2M            |
| Catalog number  | E2EX7D212R2MOMS            |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-0FFE2D9BF4              |
| Generated       | 2026-08-03                 |

## Product Overview

Proximity Sensor, inductive, brass-nickel, M12, shielded, 7 mm, NC, 2 m cable robotic, DC 2-wire

## 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 M12

Mounting type Quasi-flush

Sensing distance 7 mm

Overall length of sensor 47.1 mm

Thread length 28 mm

Material housing Brass, nickel plated

Output type 2-wire

Operation mode NC

Connection method Cable

Cable specifications PVC (oil-resistant)

Cable length 2 m

IO-Link function

Features Flexible cable

Degree of protection (IP) IP67/IP67G/IP69K

**Accessories**

Y92E-J12S18 Mounting Sleeves e-jig for M12 Prox

ETIM for 681737 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)

Quasi-flat

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)

Cable

Type of interface (EF006977)

None

SIL according to IEC 61508 (EF009889)

None

Housing material (EF001596)

Metal

Type of switching output (EF003962)

2-wire

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

No

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 ou...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X7D212-R 2M 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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