

## INDUSTRIAL COMPONENT DATA

# E2EW-QX7B1T12-M1 E2EW0460H E2EWQX7B1T12M1OMS OMRON Proximity sensor, inductive, fluororesin coating (base ma..

Brand: OMRON | Manufacturer Part Number: E2EW-QX7B1T12-M1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2EW-QX7B1T12-M1           |
| Catalog number  | E2EWQX7B1T12M1OMS          |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-1554A0288B              |
| Generated       | 2026-08-03                 |

## Product Overview

Proximity sensor, inductive, fluororesin coating (base material: SUS 303), M12, shielded, 7 mm, DC, 3-wire, PNP NO, IO-Link COM3, 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; Others

## Additional Product Information

SizeM12Mounting typeQuasi-flushSensing distance7 mmOutput typeIO-Link, PNPOperation modeNOConnection methodConnector M12Material housingStainless steelCable specifications-IO-Link baud rateCOM3 (230.4 kbps)Overall length of sensor54.4 mmThread length28 mmFeaturesFluoroplastic coating, Metal sensing faceDegree of protection (IP)IP67

ETIM for 702353 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)  
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)  
Normally open contact  
Type of electric connection (EF003961)  
Connector M12  
Type of interface (EF006977)  
Other  
SIL according to IEC 61508 (EF009889)  
None  
Housing material (EF001596)  
Metal  
Type of switching output (EF003962)  
PNP  
Interference resistance to magnetic fields (EF008275)  
Immune against magnetic DC- and AC-field  
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 semicondu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EW-QX7B1T12-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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.