

INDUSTRIAL COMPONENT DATA

E2EQ-X3B1D8-M1 E2EQ7105C E2EQX3B1D8M1OMS OMRON

Proximity sensor, inductive, Fluororesin coating (base materi..

Brand: OMRON | Manufacturer Part Number: E2EQ-X3B1D8-M1



Manufacturer	OMRON
MPN / Reference	E2EQ-X3B1D8-M1
Catalog number	E2EQX3B1D8M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-C8E1F9B3DB
Generated	2026-07-31

Product Overview

Proximity sensor, inductive, Fluororesin coating (base material: brass), M8, shielded, 3 mm, DC, 3-wire, PNP NO, IO-Link COM2, 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

Features Fluoroplastic coating

Size M8

Mounting type Quasi-flush

Sensing distance 3 mm

Overall length 38 mm

Thread length 22 mm

Material housing Brass, PTFE coated

Output type IO-Link, PNP

Operation mode NO/NC switching

Connection method Connector M12

Cable specifications -

IO-Link baud rate COM2 (38.4 kbps)

Degree of protection (IP) IP67/IP69K

ETIM for 688320 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

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 outputs with signalling function (EF003945)

1

Number of protec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EQ-X3B1D8-M1 with the required quantity to info@electricaonline.com or use 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.