

INDUSTRIAL COMPONENT DATA

E2E-X2B2L8-M3 E2EN0412C E2EX2B2L8M3OMS OMRON

Proximity sensor, inductive, long SUS body M8, shielded, 2 mm, ..

Brand: OMRON | Manufacturer Part Number: E2E-X2B2L8-M3



Manufacturer	OMRON
MPN / Reference	E2E-X2B2L8-M3
Catalog number	E2EX2B2L8M3OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-9CFBD2414F
Generated	2026-07-31

Product Overview

Proximity sensor, inductive, long SUS body M8, shielded, 2 mm, DC, 3-wire, PNP NC, M8 connector 4 pins

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 M8

Mounting type Flush

Sensing distance 2 mm

Overall length 49 mm

Thread length 36 mm

Material housing Stainless steel

Output type PNP

Operation mode NC

Connection method Connector M8 - 4 pin

Cable specifications -

IO-Link function

Degree of protection (IP) IP67/IP69K

ETIM for 698677 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)

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 M8

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)

8 mm

Switching di...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X2B2L8-M3 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.