

INDUSTRIAL COMPONENT DATA

E2E-X4MB1TL8-M5 E2EN0463H 688070 OMRON Proximity sensor, inductive, brass long body, M8, shielded, 4 mm, DC,..

Brand: OMRON | Manufacturer Part Number: E2E-X4MB1TL8-M5



Manufacturer	OMRON
MPN / Reference	E2E-X4MB1TL8-M5
Catalog number	E2EX4MB1TL8M5OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-D7D39C5EDC
Generated	2026-08-02

Product Overview

Proximity sensor, inductive, long SUS body M8, unshielded, 4 mm, DC, 3-wire, PNP NO, IO-Link COM3, M8 connector 3 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 Non-flush

Sensing distance 4 mm

Overall length 49 mm

Thread length 30 mm

Material housing Stainless steel

Output type IO-Link, PNP

Operation mode NO

Connection method Connector M8 - 3 pin

Cable specifications -

IO-Link function

IO-Link baud rate COM3 (230.4 kbps)

Degree of protection (IP) IP67/IP69K

ETIM for 688070 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)

Not 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 M8

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)

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X4MB1TL8-M5 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.