

INDUSTRIAL COMPONENT DATA

E2E-X8MB1T8-M1 E2EN0383F 687528 OMRON Proximity Sensor, Inductive, SUS Short Body, M8, Unshielded, 8mm, DC,

..

Brand: OMRON | Manufacturer Part Number: E2E-X8MB1T8-M1



Manufacturer	OMRON
MPN / Reference	E2E-X8MB1T8-M1
Catalog number	E2EX8MB1T8M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-A6257AE4C8
Generated	2026-08-03

Product Overview

Proximity sensor, inductive, short SUS body M8, unshielded, 8 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 > Proximity Sensors > New E2E

Additional Product Information

Specifications

Size M8

Mounting type Non-flush

Sensing distance 8 mm

Overall length 43 mm

Thread length 20 mm

Material housing Stainless steel

Output type IO-Link, PNP

Operation mode NO

Connection method Connector M12

Cable specifications -

IO-Link function

IO-Link baud rate COM3 (230.4 kbps)

Degree of protection (IP) IP67/IP69K
ETIM for 687528 Sensors (EC002714)
Feature Name
Feature Value
Degree of protection (NEMA) (EF011959)
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
SIL according to IEC 61508 (EF009889)
None
Housing material (EF001596)
Metal
Explosion safety category for gas (EF003997)
None
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)
Cylinder, screw-thread
Coating housing (EF001601)
Other
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
Type of switching output (EF003962)
PNP
Cascadable (EF000507)
Yes
With monitoring function downstream switching devices (EF004052)
No
Compression-resistant (EF007106)
No
Suitable for safety functions (EF001597)
No
Number of semiconductor outputs with signalling function (EF003945)
1
Switching frequency (EF003587)

500 Hz

Number of contact energized outputs with signalling function (EF00394...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X8MB1T8-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.