

INDUSTRIAL COMPONENT DATA

E2E-X16MB2L12 2M E2EN1090E E2EX16MB2L122MOMS

OMRON Proximity sensor, inductive, nickel-brass, long body, M12..

Brand: OMRON | Manufacturer Part Number: E2E-X16MB2L12 2M



Manufacturer	OMRON
MPN / Reference	E2E-X16MB2L12 2M
Catalog number	E2EX16MB2L122MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-B74BE39AD8
Generated	2026-08-01

Product Overview

Proximity sensor, inductive, nickel-brass, long body, M12, unshielded, 16 mm, DC, 3-wire, PNP NC, 2 m cable

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

Specs

Size M12

Mounting type Non-flush

Sensing distance 16 mm

Overall length of sensor 69.1 mm

Thread length 48 mm

Material housing Brass, nickel plated

Output type PNP

Operation mode NC

Connection method Cable

Cable specifications PVC (oil-resistant)

Cable length 2 m

IO-Link function

IO-Link baud rate Not Applicable
Degree of protection (IP) IP67/IP67G/IP69K
ETIM for 698687 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)
Nickel-plated
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)
Breaker contact
Type of electric connection (EF003961)
Cable
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 semi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X16MB2L12 2M 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.