

INDUSTRIAL COMPONENT DATA

E2E-X9C1L12-M1 E2EN0809R 688754 OMRON Proximity sensor, inductive, nickel-brass long body, M12, unshielded, ..

Brand: OMRON | Manufacturer Part Number: E2E-X9C1L12-M1



Manufacturer	OMRON
MPN / Reference	E2E-X9C1L12-M1
Catalog number	E2EX9C1L12M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-A7E4B70543
Generated	2026-08-02

Product Overview

Proximity sensor, inductive, nickel-brass, long body, M12, shielded, 9 mm, DC, 3-wire, NPN NO, 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 M12

Mounting type Quasi-flush

Sensing distance 9 mm

Overall length 70 mm

Thread length 55 mm

Material housing Brass, nickel plated

Output type NPN

Operation mode NO

Connection method Connector M12

Cable specifications -

IO-Link function

ETIM for 688754 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)
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)
None
SIL according to IEC 61508 (EF009889)
None
Housing material (EF001596)
Metal
Type of switching output (EF003962)
NPN
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)

12 mm

Switching distance (EF003...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X9C1L12-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.