

INDUSTRIAL COMPONENT DATA

E2EW-X12C118-M1 E2EW0254M 702373 OMRON Proximity Sensor, Inductive, Full Stainless Steel 303, M12, Shielded,..

Brand: OMRON | Manufacturer Part Number: E2EW-X12C118-M1



Manufacturer	OMRON
MPN / Reference	E2EW-X12C118-M1
Catalog number	E2EWX12C118M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-0AFAFEF041
Generated	2026-08-05

Product Overview

Proximity sensor, inductive, full metal stainless steel 303, M18, shielded, 12 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 > Others
--------------	------------------------------------

Additional Product Information

Specifications

Size M18

Mounting type Quasi-flush

Sensing distance 12 mm

Output type NPN

Operation mode NO

Connection method Connector M12

Material housing Stainless steel

Cable specifications -

Overall length of sensor 54.4 mm

Thread length 28 mm

Features Metal sensing face

Degree of protection (IP) IP67

ETIM for 702373 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)

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

Interference resistance to magnetic fields (EF008275)

Immune against magnetic DC- and AC-field

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

No

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EW-X12C118-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.