

INDUSTRIAL COMPONENT DATA

E2EW-X12C118 2M E2EW0245A E2EWX12C1182MOMS

OMRON Proximity sensor, inductive, full metal stainless steel 303..

Brand: OMRON | Manufacturer Part Number: E2EW-X12C118 2M



Manufacturer	OMRON
MPN / Reference	E2EW-X12C118 2M
Catalog number	E2EWX12C1182MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-7C0D3745CB
Generated	2026-08-03

Product Overview

Proximity sensor, inductive, full metal stainless steel 303 M18, shielded, 12 mm, DC, 3-wire, NPN NO, 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 > Others

Additional Product Information

SizeM18Mounting typeQuasi-flushSensing distance12 mmOutput typeNPNOperation modeNOConnection methodCableMaterial housingStainless steelCable specificationsPVCCable length2 mOverall length of sensor41.5 mmThread length30 mmFeaturesMetal sensing faceDegree of protection (IP)IP67

ETIM for 695228 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)
Cable
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 function (EF003945)
1
Number of prot...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EW-X12C118 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.