

INDUSTRIAL COMPONENT DATA

E2A-S12LS04-M1-C1 E2A 7446R E2AS12LS04M1C1OMS

OMRON Proximity sensor, inductive, stainless steel, long body,..

Brand: OMRON | Manufacturer Part Number: E2A-S12LS04-M1-C1



Manufacturer	OMRON
MPN / Reference	E2A-S12LS04-M1-C1
Catalog number	E2AS12LS04M1C1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-995445780E
Generated	2026-08-04

Product Overview

Proximity sensor, inductive, stainless steel, long body, M12, shielded, 4mm, DC, 3-wire, NPN-NO, M12 plug-in.

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 > E2A

Additional Product Information

ETIM for 659218 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)
Concise

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 (EF003647)
4 mm

Length of sensor (EF007334)
70 mm

Switching frequency (EF003587)
1000 Hz

Number of contact energized outputs with signalling function (EF003946)
0

Supply voltage (EF004127)

10 V

Rated control supply voltage DC (EF003980)

12 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2A-S12LS04-M1-C1 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.