

INDUSTRIAL COMPONENT DATA

E2E-X12B3D18 2M E2EN1724A 696301 OMRON Proximity sensor, inductive, nickel-brass, short body, M18, shielded,...

Brand: OMRON | Manufacturer Part Number: E2E-X12B3D18 2M



Manufacturer	OMRON
MPN / Reference	E2E-X12B3D18 2M
Catalog number	E2EX12B3D182MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-A5BDAD26C5
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Product Overview

Proximity sensor, inductive, nickel-brass, short body, M18, shielded, 12 mm, DC, 3-wire, PNP NO+NC, IO-Link COM2, 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
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Additional Product Information

ETIM for 696301 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)
Anticoincidence
Type of electric connection (EF003961)
Cable
Type of interface (EF006977)
Other
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)
2
Number of protected semiconductor outputs (EF003951)
0
Diameter sensor (EF007111)
18 mm
Switching distance (EF003647)
12 mm
Length of sensor (EF007334)
55.3 mm
Switching frequency (EF003587)
500 Hz
Number of contact energized outputs with signalling function (EF003946)
0
Supply voltage (EF004127)
10 V

Rated control supply voltage DC (EF003980)

10 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X12B3D18 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

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