

INDUSTRIAL COMPONENT DATA

E2E-X12B3D18-M1 E2EN1736E 687858 OMRON Proximity sensor, inductive, nickel-brass, short body, M18, shielded,...

Brand: OMRON | Manufacturer Part Number: E2E-X12B3D18-M1



Manufacturer	OMRON
MPN / Reference	E2E-X12B3D18-M1
Catalog number	E2EX12B3D18M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-857627881E
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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, 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 M18

Mounting type Quasi-flush

Sensing distance 12 mm

Overall length 53 mm

Thread length 33 mm

Material housing Brass, nickel plated

Output type IO-Link, PNP

Operation mode NO + NC

Connection method Connector M12

Cable specifications -

IO-Link function

IO-Link baud rate COM2 (38.4 kbps)

Degree of protection (IP) IP67/IP69K

ETIM for 687858 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)

Connector M12

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 semiconduct...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X12B3D18-M1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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