

INDUSTRIAL COMPONENT DATA

E2E-X6B3D12-M1 E2EN1138C 687876 OMRON Proximity sensor, inductive, nickel-brass, short body, M12, shielded, ..

Brand: OMRON | Manufacturer Part Number: E2E-X6B3D12-M1



Manufacturer	OMRON
MPN / Reference	E2E-X6B3D12-M1
Catalog number	E2EX6B3D12M1OMS
Category	Inductive proximity switch
Minimum order	20 Pcs
Document ID	EO-E55DFE7748
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Product Overview

Proximity sensor, inductive, nickel-brass, short body, M12, shielded, 6 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
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Additional Product Information

Specifications

Size M12

Mounting type Quasi-flush

Sensing distance 6 mm

Overall length 48 mm

Thread length 29 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

Accessories

Y92E-J12S18 Mounting Sleeves e-jig for M12 Prox

ETIM for 687876 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 signa...

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Send OMRON / E2E-X6B3D12-M1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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