

INDUSTRIAL COMPONENT DATA

E2E-X6B3D12 2M E2EN1126M 696303 OMRON Proximity sensor, inductive, nickel-brass short body, M12, shielded, 4..

Brand: OMRON | Manufacturer Part Number: E2E-X6B3D12 2M



Manufacturer	OMRON
MPN / Reference	E2E-X6B3D12 2M
Catalog number	E2EX6B3D122MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-A000B9E468
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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, 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

Additional Product Information

Specifications

Size M12

Mounting type Quasi-flush

Sensing distance 6 mm

Overall length of sensor 47.1 mm

Thread length 28 mm

Material housing Brass, nickel plated

Output type IO-Link, PNP

Operation mode NO + NC

Connection method Cable

Cable specifications PVC (oil-resistant)

Cable length 2 m

IO-Link function

IO-Link baud rate COM2 (38.4 kbps)

Degree of protection (IP) IP67/IP67G/IP69K

Accessories

Y92E-J12S18 Mounting Sleeves e-jig for M12 Prox

ETIM for 696303 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

Numbe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X6B3D12 2M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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