

INDUSTRIAL COMPONENT DATA

E2E-X3B1TL8-M3 E2EN0423R 688079 OMRON Proximity sensor, inductive, long brass body, M8, shielded, 4 mm, DC, ..

Brand: OMRON | Manufacturer Part Number: E2E-X3B1TL8-M3



Manufacturer	OMRON
MPN / Reference	E2E-X3B1TL8-M3
Catalog number	E2EX3B1TL8M3OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-591DAD52B2
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Product Overview

Proximity sensor, inductive, long brass body M8, shielded, 3 mm, DC, 3-wire, PNP NO, IO-Link COM3, M8 connector 4 pins

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 M8

Mounting type Quasi-flush

Sensing distance 3 mm

Overall length of sensor 49 mm

Thread length 35 mm

Material housing Brass, nickel plated

Output type IO-Link, PNP

Operation mode NO

Connection method Connector M8 - 4 pin

Cable specifications -

IO-Link function

IO-Link baud rate COM3 (230.4 kbps)

Degree of protection (IP) IP67/IP69K

ETIM for 688079 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)	
Normally open contact	
Type of electric connection (EF003961)	
Connector M8	
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)	
1	
Number of prote...	

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X3B1TL8-M3 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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