

INDUSTRIAL COMPONENT DATA

E2E-X2B1T8-M3 E2EN0277E 688108 OMRON Proximity Sensor, Inductive, SUS Short Body, M8, Shielded, 2 mm, DC, 3-..

Brand: OMRON | Manufacturer Part Number: E2E-X2B1T8-M3



Manufacturer	OMRON
MPN / Reference	E2E-X2B1T8-M3
Catalog number	E2EX2B1T8M3OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-FB1B538080
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Product Overview

Proximity sensor, inductive, short SUS body M8, shielded, 2 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

Additional Product Information

Specifications

Size M8

Mounting type Flush

Sensing distance 2 mm

Overall length 39 mm

Thread length 22 mm

Material housing Stainless steel

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 688108 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)
Other
Mechanical mounting condition for sensor (EF004041)
Concise
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 protected semiconductor outputs (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X2B1T8-M3 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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